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ances B. Rucks, Editor

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This is a cumulative issue. It includes all indexing since the beginning of the current volume. No further reference to Issues Nos. 1-3 is necessary.

Preface

The *Air University Library Index to Military Periodicals* is a subject index to significant articles, news items and editorials appearing in 63 English language military and aeronautical periodicals not indexed in readily available commercial indexing services. The *Index* originated with 23 titles as a quarterly publication in 1949, and has continued on a quarterly basis superseded by annual cumulations; triennial cumulative issues were published from 1952 through 1967. From 1949 to 1962 the *Index* was issued as *Air University Periodical Index*. Staff members in the Reader Services Division and Editing Section of Air University Library index the periodicals with the exception of seven titles which other Air Force, Army, and Navy libraries index. *Air University Library Index to Military Periodicals* serves primarily the educational and research programs of Air University. The *Index* is available to other libraries upon request.

This publication has been reviewed and approved by competent personnel of the preparing command in accordance with current directives on doctrine, policy, essentiality, propriety, and quality.

ROBERT SEVERANCE
Director
Air University Library

Aerosp Hist--Aerospace Historian (q) $5.00. Department of History, Kansas State University, Manhattan, Kans, 66506.

**Aerosp Intl--Aerospace International (ceased publication with vol 8, no. 1, May-June 1972 issue)

Aerosp Med--Aerospace Medicine (m) $18.00. Aerospace Medical Assoc, Washington National Airport, Washington, DC, 20001.

Aerosp Safety--Aerospace Safety - AFRP 127-2 (m) $7.30. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

AF Civil Engr--Air Force Civil Engineer - AFRP CE 85-1 (q) $2.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

AF Compt--The Air Force Comptroller - AFRP 170-2 (q) $2.25. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

AF JAG L Rev--United States Air Force JAG Law Review - AFRP 110-1 (q) $2.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

AF Mag--Air Force Magazine (m) $10.00. Air Force Assoc, Suite 400, 1750 Pennsylvania Ave, NW, Washington, DC, 20006.

AF Plcy Ltr for Comdrs: Sup--Air Force Policy Letter for Commanders: Supplement - AFRP 190-2 (m) No price given. Internal Information Division, SAFOII, Pentagon, Washington, DC, 20330.

AF Times--Air Force Times (Eastern Edition) (w) $15.00. Army Times Publishing Co, 475 School St, SW, Washington, DC, 20024.

Air Pict--Air Pictorial (m) $9.00. British Publications Inc, 11-03 46th Avenue, Long Island Island City, NY, 11101.

Air Reservist - AFRP 30-1 (10 nos. a year) $2.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

AU Rev--Air University Review, The Professional Journal of the United States Air Force (bim) $8.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Airman--Airman, Official Magazine of the U.S. Air Force - AFRP 30-15 (m) $12.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Am Avn Hist Soc J--American Aviation Historical Society Journal (q) $10.00. American Aviation Historical Society, P.O. Box 996, Ojai, Calif, 93023.

Approach, The Naval Aviation Safety Review - NavAir 00-75-510 (m) $11.70. NAVSAFECEN, NAS, Norfolk, Va, 23511.

Armed Forces Compt--Armed Forces Comptroller (q) $5.00. The Armed Forces Comptroller, P.O. Box 68, Arlington, Va, 22210.

Armed Forces J--Armed Forces Journal (changed to Armed Forces Journal International with Feb 1973 issue)

***Armed Forces J Intl--Armed Forces Journal International (formerly Armed Forces Journal) (m) $12.00. Army and Navy Journal, Inc, 1710 Connecticut Ave, NW, Washington, DC, 20009.

Armor (bim) $6.50. Armor, P.O. Box O, Fort Knox, Ky, 40121.

Army (m) $10.00. Assoc of the U.S. Army Fulfillment Manager, 1529 - 18th St, NW, Washington, DC, 20036.

Army Log--Army Logistician (bim) $5.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Army Qtr--Army Quarterly and Defence Journal (q) $7.85 (est). West of England Press, Publishers, Ltd, 1, West Street, Tavistock, Devon, England.

Combat Crew - SACRP 127-1 (m) No price given. Editor, Combat Crew, Hq SAC (DOSE), Offutt AFB, Nebr, 68113.

Contact - AFITRP 35-1 (bim) No price given. AFIT(Cl), Wright-Patterson AFB, Ohio. 45433.

Def Mgt J--Defense Management Journal (q) $2.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Def Trans J--Defense Transportation Journal. Official Publication of the National Defense Transportation Association (bim) $15.00. National Defense Transportation Assoc, 1612 K St, NW, Washington, DC, 20006.

Elect Warfare--Electronic Warfare (bim) $15.00. Electronic Warfare Magazine, 6903 Clemson Dr, Alexandria, Va, 22307.

**Fld Artilleryman--Field Artilleryman (ceased publication with No. 50, Oct-Nov 1973 issue)

Forum (3 nos. a year) No price given. National War College, Fort Lesley J. McNair, Washington, DC, 20315.

Govt Exec--Government Executive (m) $12.00. 1725 K St, NW, Washington, DC, 20006.

Hawk--Hawk, The Independent Journal of the Royal Air Force Staff College (a) $1.25 (est). Royal Air Force Staff College, Bracknell, Berkshire, England.

Infantry (bim) $5.95. Editor, Infantry Magazine, Box 2005, Fort Benning, Ga, 31905.

Interavia (m) $18.00. Interavia U.S.A., Suite 1800, 212 Fifth Avenue, New York, NY, 10010.

Interceptor - ADCRP 127-2 (m) No price given. Editor, Interceptor, Hq ADC (SED), Ent AFB, Colo, 80912.

Intl Def Rev--International Defense Review (bim) $15.00. Interavia U.S.A., Suite 1800, 212 Fifth Avenue, New York, NY, 10010.

*Added titles since the 1972 Cumulative Issue

**Titles ceased indexing since the 1972 Cumulative Issue

***Titles changed since the 1972 Cumulative Issue

Log Spectrum--Logistics Spectrum (q) $10.00. Society of Logistics Engineers, Executive Offices, 1411 West Olympic Blvd, Los Angeles, Calif, 90015.

MAC Flyer - MACRP 127-5 (m) $3.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

MarCor Gaz--Marine Corps Gazette (m) $6.00. P.O. Box 1775, MCB, Quantico, Va, 22134.

Mil Engr--Military Engineer (bim) $12.50. Society of American Military Engineers, 800 - 17th St, NW, Washington, DC, 20006.

Mil Rev--Military Review (m) $6.00. Military Review, USACGSC, Fort Leavenworth, Kans, 66027.

NATO's Fifteen Nations (bim) $15.00. Jules Perel's Publishing Co, Post Box 366, Amstelveen, The Netherlands.

***Natl Def--National Defense (formerly Ordnance) (bim) $8.00. American Defense Preparedness Assoc, Union Trust Bldg, Washington, DC, 20005.

Natl Guardsman--National Guardsman (11 nos. a year) $2.00. National Guard Assoc of the U.S., 1 Massachusetts Ave, NW, Washington, DC, 20001.

Nav War Col Rev--Naval War College Review (bim) No price given. Editor, Naval War College Review, U.S. Naval War College, Newport, RI, 02840.

Navigator - AFRP 50-3 (3 nos. a year) $2.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Officer (m) $3.00. Reserve Officers Assoc of the U.S., 1 Constitution Ave, NE, Washington, DC, 20002.

Ordnance (changed to National Defense with Sep-Oct 1973 issue)

Parameters--The Journal of the Army War College (sa) No price given. Editor, Parameters, U.S. Army War College, Carlisle Barracks, Pa, 17013.

Persp in Def Mgt--Perspectives in Defense Management (irregular) No price given. Editor, Perspectives in Defense Management, Industrial College of the Armed Forces, Fort Lesley J. McNair, Washington, DC, 20315.

RUSI J for Def Studies--RUSI, Journal of the Royal United Services Institute for Defence Studies (q) $12.25 (est). Secretary, Royal United Services Institute for Defence Studies, Whitehall, London, SW1A 2, ET, England.

Review (bim) $10.00. American Logistics Assoc, 1000 Connecticut Ave, NW, Washington, DC, 20036.

Royal Air Forces Qtr--Royal Air Forces Quarterly (q) $4.30 (est). R.A.F.A. Publishing Co, Ltd, 43 Grove Park Road, London, W4 3RU, England.

Sea Power (m) $5.00. Navy League of the U.S., 818-18th St, NW, Washington, DC, 20006.

Signal (10 nos. a year) $9.00. Armed Forces Communications and Electronics Assoc, 5205 Leesburg Pike, Falls Church, Va, 22041.

Soldiers, Official U.S. Army Magazine (m) $17.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

Soviet Mil Rev--Soviet Military Review (m) No price given. Soviet Military Review, 2, Marshal Biryuzov St, Moscow 123298, USSR. (Available from Victor Kamkin Agency, 1410 Columbia Rd, Washington, DC, 20009)

**Space World (ceased indexing with vol J, no. 6-114, June 1973 issue)

Spaceflight (m) No price given. British Interplanetary Society, 12, Bessborough Gardens, London, SW1V, England.

*Strat Rev--Strategic Review (q) No price given. United States Strategic Institute, Suite 1204, 1612 K Street, N.W., Washington, DC, 20006.

TAC Attack - TACRP 127-1 (m) No price given. Editor, TAC Attack, Hq TAC(SEPP), Langley AFB, Va, 23365.

TIG Brief--The Inspector General Brief - AFRP 11-1 (biw) No price given. Editor, TIG Brief, AF/IGEP, Hq USAF, Washington, DC, 20330. Limited to AF offices.

Translog (m) $6.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

USAF Ftr Wpns Rev--USAF Fighter Weapons Review (q) No price given. 57th Fighter Weapons Wing (DON), Nellis AFB, Nev, 89191.

USAF TAWC Rev--USAF TAWC Review - USAFTAWC RP 55-1 (q) No price given. USAF Tactical Air Warfare Center/DOS, Eglin AFB, Fla, 32542.

USA Avn Dig--United States Army Aviation Digest (m) $8.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.

US Nav Inst Proc--United States Naval Institute Proceedings (m) $10.00. U.S. Naval Institute, Annapolis, Md, 21402.

The following abbreviations are used to denote frequency of issue:

a	annual	bim	every two months
biw	every two weeks and/or twice a month		
m	monthly	q	quarterly
sa	twice a year	w	weekly

ARRANGEMENT

The subject entries are constructed on the direct entry principle. Most sponsor agency entries under U. S. have been eliminated and entry is directly under subject agency, e. g., STRATEGIC AIR COMMAND, not U. S. AIR FORCE. STRATEGIC AIR COMMAND. Specific military services of various countries are entered under their name, followed by the name of their country, e. g., AIR FORCE--Great Britain; ARMY--United States.

Material on aircraft by name has been entered under the headings AIRPLANE TYPE; HELICOPTER TYPE; MISSILE TYPE. Space vehicles by name have been entered under the heading SPACE PROJECT.

AERONAUTICS here embraces the technical and technological aspects of aviation and aircraft; AVIATION the art of flying, both military and civilian; and AIRLINES the commercial transportation companies; FLYING popular, nontechnical articles on the pleasures of flying.

Government departments are listed alphabetically by department title, e. g., DEFENSE DEPT--United States, not DEPARTMENT OF DEFENSE.

Author entries are included for admirals, generals, Dept of Defense officials, and others who are prominent in some field of Index interest.

Organization's abbreviation, if it is a national term, is used not only as a cross reference (e. g., NATO see NORTH ATLANTIC TREATY ORGANIZATION) but also as geographic subdivision (e. g., DEFENSES--NATO). Abbreviations are listed at the beginning of their alphabetical section. However, the artificial words LASERS and LORAN are accepted as normal words and are so alphabetically listed.

Reviews of books are grouped under BOOK REVIEWS.

KEY TO ABBREVIATIONS

+ (after paging)	continuation of article not paged consecutively	Jun	June
		Mar	March
Apr	April	Nov	November
Aug	August	No.	number
bibliog	bibliography	obit	obituary
biog	biography	Oct	October
chart	organizational chart	por	portrait(s)
Dec	December	Sep	September
Feb	February	sup	supplement
illus	illustration(s)	tab	table(s)
Jan	January	trans	translated
Jul	July	vol	volume

EXPLANATION

Sample entry: AIR WARFARE

The evolution of air warfare. MajGen Robert N. Ginsburgh and Maj Edd D. Wheeler. illus AU Rev 23:2-9 Mar-Apr '72

Explanation: Under the subject AIR WARFARE an article entitled "The evolution of air warfare" by MajGen Robert N. Ginsburgh and Maj Edd D. Wheeler, with illustrations, appears in the magazine Air University Review, volume 23, on pages 2 through 9, the March-April 1972 issue.

A

ACEUR see Allied Command Europe

ACLANT see Allied Command Atlantic

AECP see Airman Education and Commissioning Program

AFAA see Air Force Audit Agency

AFCEA see Armed Forces Communications and Electronics Association

AFCENT see Allied Forces, Central Europe

AFDAA see Air Force Data Automation Agency

AFISC see Air Force Inspection and Safety Center

AFIT see Air Force Institute of Technology

AFMPC see Air Force Military Personnel Center

AFOSI see Office of Special Investigations

AFROTC see Reserve Officers Training Corps--Air Force

AFRTS see American Forces Radio and Television Service

AGARD see Advisory Group for Aerospace Research and Development

AID see Agency for International Development

AMST see Advanced Medium Short Takeoff and Landing Transport

APC see Armored Vehicles

APR see Airman Performance Reports

ASW see Antisubmarine Warfare

AUSA see Association of the U.S. Army

AUTODIN see Automatic Digital Network

AUTOVON see Automatic Voice Network

AWACS see Airborne Warning and Control Systems

AWADS see Adverse Weather Aerial Delivery System

ABBREVIATIONS

Use of abbreviations. TIG Brief 25:17 Jun 22 '73

ABRAMS, Creighton W., Jr

Readiness: To fight a war, to keep the peace. Gen Creighton W. Abrams. por Army 23:18-20 Oct '73

ABSENT WITHOUT LEAVE see Crimes and Misdemeanors

ACCELERATION

Aftereffects of alcohol on the perception and control of pitch attitude during centripetal acceleration. P. J. Dowd and others. tabs Aerosp Med 44:928-930 Aug '73

Disorienting effects of aircraft catapult launchings. M. M. Cohen and others. illus Aerosp Med 44:37-39 Jan '73

Effect of prolonged bedrest and $+G_z$ acceleration upon peripheral visual response time. Richard F. Haines. illus tab Aerosp Med 44:425-432 Apr '73

Effects of rehydration on $+G_z$ tolerance after 14-days' bed rest. J. E. Greenleaf and others. illus tabs Aerosp Med 44, No. 7, sec 1:715-722 Jul '73

Fast ride for science (in the human centrifuge, School of Aerospace Medicine, Brooks AFB, Tex). A1C Debra Sloan. illus Airman 17:33-34 May '73

ACCELERATION - Continued

Involuntary head movements and helmet motions during centrifuge runs with up to $+6G_z$. K. H. E. Kroemer and Kenneth W. Kennedy. illus tabs Aerosp Med 44:639-644 Jun '73

Mechanical impedance of supine humans under sustained acceleration. L. H. Vogt and others. illus tab bibliog Aerosp Med 44:123-128 Feb '73

Observations on perceived changes in aircraft attitude attending head movements made in a 2-g bank and turn. Richard D. Gilson and others. illus Aerosp Med 44:90-92 Jan '73

Positive ($+G_z$) acceleration tolerances of the miniature swine: Application as a human analog. Russell R. Burton. tabs bibliog Aerosp Med 44:294-298 Mar '73

ACCIDENT PREVENTION

See also
Safety Programs

About hydroplaning. illus Approach 19:16-17 Oct '73

Accident proneness. TIG Brief 25:13 Feb 16 '73

Aerospace accident prevention plans. TIG Brief 25: 21-22 Sep 7 '73

All-cause accident investigations. TIG Brief 25:16 Oct 5 '73

Ammo isn't for amateurs. TIG Brief 25:15-16 Oct 5 '73

Autumn, aves, and airplanes. Maj Bob Gardner. illus maps MAC Flyer 20:3-6 Oct '73

B-nuts. illus Aerosp Safety 29:26-27 Jan '73

Blueprint for success. (Base commander's view of transient services functions) Col Walter Schreiber. illus Aerosp Safety 29:8-10 Jan '73

Built-in accidents. (Materiel deficiencies which occur at the time of design, manufacture, or maintenance) Gordon S. Taylor. Aerosp Safety 29:19 Oct '73

The care and handling of ETS (Emergency Throttle System). LCDR Don Mohr. illus Approach 19:8 Aug '73

The challenge of choice. illus MAC Flyer 20:24-25 Jul '73

Child care centers: Proper safety measures. TIG Brief 25:17 Nov 2 '73

Collision-avoidance. illus Combat Crew 23:8-9 Oct '73

Compliance with technical data won't burn you up! TIG Brief 25:15 Aug 3 '73

(Corsair II) over the side. illus Approach 19:4-5 Aug '73

The co$t of poultry. (Bird strikes) Maj Joe Tillman. illus map TAC Attack 13:8-10 Sep '73

Dissemination of safety information. TIG Brief 25:3 Jun 22 '73

The executive vice president. (Duties of the copilot) LtCol Alfred C. Ritchason, Ret. (Reprinted from Combat Crew, Oct 1959) illus Combat Crew 23: 16-18 Feb '73

The eyes have it--profile of midair collisions. illus TAC Attack 13:24-27 Oct '73

F-4 minus two. Capt Jim Young. illus TAC Attack 13: 4-5 Feb '73

FOD briefs, illus Aerosp Safety 29:6-7 Sep '73

ACCIDENT PREVENTION - Continued

Fasteners must fasten. illus Aerosp Safety 29:20 Sep '73

Foreign object damage. TIG Brief 25:15 Oct 5 '73

Frequency of anti-collision observing responses by solo pilots as a function of traffic density, ATC traffic warnings, and competing behavior. Mark F. Lewis. tab illus Aerosp Med 44:1048-1050 Sep '73

Getting the word--maintenance debriefing. SMSgt Harold Moore. illus Aerosp Safety 29:26-27 Dec '73

Hazards of the GCA and the standard VFR traffic pattern. Capt L. V. Culp. illus Approach 19:6-7 Jul '73

He who hesitates, loses. illus MAC Flyer 20:12-14 Jul '73

How are all personnel briefed? TIG Brief 25:17 Jul 20 '73

How to approach the high bounce problem. illus MAC Flyer 20:14-15 Sep '73

Important byproduct for the commander. (Are some pilots more prone to crew error accidents than others?) Ted Kontos. illus USA Avn Dig 19:30-31 Apr '73

It's loaded and it's lethal. (Ejection seats) Robert Shannon. illus Aerosp Safety 29:1-3 Aug '73

Last chance. SMSgt Harold L. Moore. illus Aerosp Safety 29:26-27 Mar '73

Letter bombs--how to recognize them. TIG Brief 25: 15-16 Dec 14 '73

Little birds and nasty weather--aero club winter operations. illus Aerosp Safety 29:10-11 Nov '73

Look out below! Maj Carl S. Gerhard. illus USA Avn Dig 19:34-35 May '73

The main ingredient. Arnold R. Lambert. USA Avn Dig 19:3+ Nov '73

Many winter driving season accidents can be prevented. TIG Brief 25:13-14 Nov 16 '73

A matter of life and breath. (Alcohol and driving) John Michael Coleman. illus Soldiers 28:38-41 Dec '73

Medical control of vehicle operators. TIG Brief 25:8 Nov 30 '73

Mid-air! Maj George D. Burgess. illus MAC Flyer 20: 16-18 Nov '73

Mishap analysis--an improved approach to aircraft accident prevention. Col David L. Nichols. illus AU Rev 24:13-22 Jul-Aug '73

Missile-handling mishaps. TIG Brief 25:13 Nov 2 '73

Modulated light transmission for electrical isolation in a multichannel physiological monitoring system. Donald G. Forgays and others. illus Aerosp Med 44:68-70 Jan '73

A new collision avoidance contender surfaces. Charles D. LaFond. Govt Exec 4:42-43 Dec '72

O unforgiving lifesaver. illus Aerosp Safety 29:13 Dec '73

Off-installation traffic activities (AFR 125-14). TIG Brief 25:5 Jun 22 '73

Personnel and explosives operations. TIG Brief 25:14 Nov 2 '73

"Phasing" into flying. Maj Lural D. Stingley. illus TAC Attack 13:4-6 Jul '73; MAC Flyer 20:25-27 Dec '73

ACCIDENT PREVENTION - Continued

Pilot distracted: Flew into water. illus Approach 19: 1-2 Jul '73

Preventing the preventable accident. LCDR Edward S. McGinley II. illus US Nav Inst Proc 99:56-65 Jun '73

Primary cause. (Checklist against aircraft accidents) Maj Jack Drummond. Aerosp Safety 28:6-7 Dec '72; Adaptation. TAC Attack 13:24-25 Jan '73

Propwash and jet blast. illus Approach 19:3 Jul '73

The rain in Spain. (Falling aircraft parts) illus tab Aerosp Safety 29:6-7 Feb '73

The red cross (inspection). Aerosp Safety 29:26 Feb '73

Rollover! Tilt! Upset! Milan Buchan and Arnold R. Lambert. illus USA Avn Dig 19:44-47 May '73; Adaptation. MAC Flyer 20:23-25 Oct '73

Runway condition reporting. Approach 19:21 Oct '73

Safety... (Traffic signs) illus Contact 27:16 Jan-Feb '73

Seeing what you are looking for. Maj Bob Gardner. illus MAC Flyer 20:10-12 Apr '73

Seven main points for commanders at all levels. Interceptor 15:16-17 May '73

The sky keeps falling. (Dropped objects) tabs illus Aerosp Safety 29:28 Dec '73

Snow, snow--go away. Maj Edward G. Francis. illus Aerosp Safety 29:4-5 Dec '73

Support your local ocean. LtCol Dick Wood. illus Aerosp Safety 29:14-15 Jul '73

Take a look at the (accident) indicators. LtCol Vance Lerner. illus Aerosp Safety 29:8-10 Sep '73

That's a no-no! (Self-discipline in Army Aviation) Arnold R. Lambert. illus USA Avn Dig 19:32-33 Jan '73

Three-engine ferry--an epic of "how to," by the book. LCDR R. A. Lundstrom and LT R. B. Kidd. illus Approach 18:12-14 Feb '73

Trained managers. David G. Holmes. illus USA Avn Dig 19:37-39 Dec '73

Transition to peace safely. LTJG David L. Sturgeon. illus Approach 19:16-17 Jul '73

Transportation fatalities--nation's most wanted 10. tab Govt Exec 5:27 Sep '73

Twenty-five years...and still holding! illus Approach 19:10-13 Nov '73

The two-man concept. TIG Brief 25:6 Jun 22 '73

What to do if you get a letter bomb. AF Times 34:6 Dec 26 '73

When two's a crowd. (Midair collisions in Army aircraft) Ted Kontos. illus USA Avn Dig 19:30-34 Oct '73

Who's responsible? (Accident prevention) illus Aerosp Safety 29:16-17 Feb '73

A wing tip's sacred to no one. Maj George D. Burgess. illus MAC Flyer 20:18-19 Dec '73

You have a choice--when your helicopter quits unexpectedly, it's nice to have a landing plan in mind. Maj Michael Tennery. illus MAC Flyer 20:14-15 Jun '73; Combat Crew 23:18-19 Aug '73

You have only two (eyes). illus Aerosp Safety 29:24-25 Jul '73

ACCIDENT PREVENTION - Continued

Study and Teaching

Traffic safety education. tab TIG Brief 25:15-16 Nov 16 '73

Trained managers. David G. Holmes. illus USA Avn Dig 19:37-39 Dec '73

ACCIDENTS

Ammo isn't for amateurs. TIG Brief 25:15-16 Oct 5 '73

Crash-rescue vehicle operation. TIG Brief 25:5 Sep 21 '73

Fairchild (AFB, Wash) unit praised for emergency saves. illus AF Times 33:34 May 30 '73

MAST (Military Assistance to Safety and Traffic) at Fort Carson (Colo) aids downed skiers. Lt Kevin H. Rorke. illus USA Avn Dig 19:6-9 Nov '73

Reg (AFR 127-4) covers accident reports--only AFers have access to them. AF Times 33:15 Jan 31 '73

Twenty years of medical support in aircraft disasters at Kennedy Airport. Louis C. Abelson and others. tabs illus map Aerosp Med 44:560-566 May '73

Statistics

MAST is Military Assistance to Safety and Traffic. William H. Smith. illus tabs USA Avn Dig 19: 10-15 Nov '73

USAF 1972 accident experience record: A 'mixed bag.' TIG Brief 25:1-2 Mar 16 '73

ACCIDENTS, AIR

Accidents: Air transport's growing pains. Interavia 28:201 Mar '73

Aircraft incident reporting. TIG Brief 25:15 Jul 20 '73

Airline accident liability and the Guatemala protocol. Robert-Louis Perret. Interavia 28:72-73 Jan '73

The case for the FDR/CPL (Flight Data Recorder/ Crash Position Locator) system. illus Approach 18:18-21 Mar '73

Incident reporting. TIG Brief 25:6 Aug 3 '73

Know-how paid off! (Crash of A-6A on the Midway's flight deck) illus Approach 18:12-14 May '73

A license to steal. (Low flying helicopter hazards) illus Approach 18:4-5 Jan '73

Long day since midnight. (Rescue of survivors of Eastern 401 crash in the Everglades, December 1972) Sgt Dick Anderson. illus Airman 17:31-33 Oct '73

A new collision avoidance contender surfaces. Charles D. LaFond. Govt Exec 4:42-43 Dec '72

Recovery impossible. (A-4 landing accident) illus Approach 18:1-3 Feb '73

Seasprite in a spin! illus Approach 18:24-25 Feb '73

24 die in crash of C-141 in Spain (on Aug 28, 1973). AF Times 34:24 Oct 31 '73

24 killed in C-141 crash (at Torrejon AB, Spain). AF Times 34:2 Sep 12 '73

Two mid-air crashes (involving 2 F-111s and 2 Thunderbird F-4s) under investigation. AF Times 33:25 Apr 11 '73

The ultimate in air pollution. (Mid-air collisions) Maj Gus Arellano. illus MAC Flyer 20:8-9 Mar '73

ACCIDENTS, AIR - Continued

When it hits the fan. (What to do if you're the first to arrive at an aircraft accident scene) Capt Jim Young. illus TAC Attack 13:8-10 Aug '73

When two's a crowd. (Midair collisions in Army aircraft) Ted Kontos. illus USA Avn Dig 19:30-34 Oct '73

Causes

See also
Pilot Error

Aircraft accidents and human factors. F. O. Hemming. Aerosp Med 44:682-684 Jun '73

Aircraft as an instrument of self-destruction. Robert E. Yanowitch and others. Aerosp Med 44: 675-678 Jun '73

Aircrew discipline--violations of directives. TIG Brief 25:14 Oct 5 '73

Approach accidents. John S. Leak. tab Aerosp Safety 29:2-3 Jan '73

Autumn, aves, and airplanes. Maj Bob Gardner. illus maps MAC Flyer 20:3-6 Oct '73

The BASH (Bird Aircraft Strike Hazard) program. Maj Alfred T. Driscoll. illus Aerosp Safety 29:16-18 Aug '73

Barotrauma in United States Air Force accidents/ incidents. Sidney T. Lewis. tab Aerosp Med 44: 1059-1061 Sep '73

Bird species identification--aircraft/bird strikes. TIG Brief 25:7 Jun 22 '73

The bird strike problem. TIG Brief 25:15 Apr 27 '73

Causes of aircraft accidents: Human error in general, pilot error in particular. Darwin S. Ricketson. illus USA Avn Dig 19:42-45 Dec '73

Chronicle of a cropduster crash: A devastating and avoidable tragedy. Michael Watson and W. W. Benson. Aerosp Med 44:549-551 May '73

Collision-avoidance. illus Combat Crew 23:8-9 Oct '73

The co$t of poultry. (Bird strikes) Maj Joe Tillman. illus map TAC Attack 13:8-10 Sep '73

Di--factor of decision irreversibility. Interceptor 15:5-7 Mar '73

Down and out. Regular feature in some issues of Interceptor

Eastern 401: Everything blended against survival. William Hines. illus Aerosp Safety 29:24-27 May '73

Emergency procedure training. TIG Brief 25:17 Aug 3 '73

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AIRMAN EDUCATION AND COMMISSIONING PROGRAM

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College weighed for minority EM. George Foster. AF Times 33:1+ Jan 10 '73

Commission roads joined. George Foster. AF Times 33:1+ Jul 18 '73

Degree, bar programs seeking 1300 airmen. AF Times 33:5 Mar 28 '73

EM seek titles as officers. AF Times 34:2 Sep 26 '73

New Airman Education and Commissioning Program. Ed Gates. AF Mag 56:84-85 Oct '73

Notice to all AECP students: OTS is dead--SMS, O lives on. Capts Robert F. Cafazzo and Keith S. Mirrer. map Contact 27:7-9 Jan-Feb '73

100 degree-holders given OTS chance. AF Times 33:15 Jan 17 '73

1300 go after bars in FY-74. AF Times 33:11 Feb 21 '73

357 airmen picked for commission study. AF Times 34:22 Nov 14 '73

AIRMAN PERFORMANCE REPORTS

Speed (and accuracy) vital--rating the CBPOs. AF Times 34:19 Aug 15 '73

Stripes overhaul set. (Major changes in airman promotion system) Bruce Callander. AF Times 33:1+ Feb 21 '73

AIRMEN

Airman assignments. TIG Brief 25:7-8 Apr 13 '73

Airman career progression visibility. TIG Brief 25:21 May 11 '73

Airmen in 45 career fields encouraged to retrain. TIG Brief 25:7 Feb 2 '73

Barter for a better base. (Airman Overseas Exchange Program) MSgt Loren B. Leonberger. Airman 17:14 Jul '73

Benefits supported for younger EM. Bob Towle. AF Times 34:4 Sep 5 '73

EM face BAS loss. Bob Towle. AF Times 33:1+ Mar 28 '73

EM may be liable for excess pro pay. AF Times 34:24 Sep 26 '73

EM schooling pushed. AF Times 34:21 Nov 21 '73

Early-out OK automatic--for first termers. AF Times 33:51 Jan 17 '73

Early outs begin: 'Controlled loss' action. Bruce Callander. AF Times 34:1+ Dec 19 '73

Equal representation of minority airmen in all Air Force specialty codes. TIG Brief 25:19 Jun 8 '73

1st termers hit 'policies' in poll. Bruce Callander. AF Times 33:4 Jan 3 '73

Hikes possible in mid-February, if all goes right. AF Times 33:6 Jan 31 '73

New assignment rules to give EM more say. Bruce Callander. AF Times 34:1+ Oct 10 '73

Pipeline student airman swap program implemented. TIG Brief 25:3 Nov 16 '73

Proficiency pay for eligible airmen. TIG Brief 25:17-18 Aug 3 '73

AIRMEN - Continued

A selective airman recruiting program. LtCol Robert W. Davis. tab AU Rev 24:56-59 Jan-Feb '73

700 traded bases in 'exchange' plan. AF Times 34:1+ Aug 22 '73

Some EM early-out rules expanded. AF Times 33:10 Mar 7 '73

Subtle changes in AF seen--first-term survey spots differences. AF Times 33:17 Jan 10 '73

Surplus EM to retrain. Bob Towle. AF Times 34:1+ Nov 21 '73

Travel a lighted path. (Airman Career Progression Patterns, ACPP) MSgt Loren B. Leonberger. Airman 17:33-35 Sep '73

AIRMEN'S CLUBS see Servicemens Clubs

AIRPLANE HIJACKING

Fighting the skyjack menace. H. R. Kaplan. illus Def Trans J 29:33-34+ Jan-Feb '73

"I have to do a lot of reading." Interview. LtGen Benjamin O. Davis, Jr, Ret. illus Govt Exec 5:31 Sep '73

Prevention

Anti-hijack checklist. TIG Brief 25:3-4 Jul 20 '73

Anti-hijack guidelines. TIG Brief 25:20 Apr 13 '73

Anti-hijack/unlawful aircraft movement inspection guide. TIG Brief 25:17-18 Apr 27 '73

Preventing and resisting unlawful seizure (hijacking) of aircraft. TIG Brief 25:2 Jul 20 '73

AIRPLANE TYPE

Only U.S. military airplanes are entered under type as given by the latest issue of the Department of Defense Model Designation of Military Aircraft, Rockets & Guided Missiles. For airplanes of other countries see entries under specific categories, e.g., Airplanes, Military--Great Britain.

A-4

Recovery impossible. (A-4 landing accident) illus Approach 18:1-3 Feb '73

A-7

A-7D, A-10 'fly-off' suggested. AF Times 34:29 Aug 15 '73

A-7D, A-10A flyoff too early, AF says. AF Times 34:31 Nov 21 '73

A-7D PMDS (Projected Map Display Set). Capt Patrick G. McAdoo. illus USAF Ftr Wpns Rev, pp 15-17+, Winter '73

Bounding the error bombing--A-7D. Maj R. F. Wetterhahn. illus USAF Ftr Wpns Rev, pp 1-4, Winter '72

Corsair II de-tails. George J. Letzter. illus tabs Am Avn Hist Soc J 17:244-254 Winter '72

(Corsair II) over the side. illus Approach 19:4-5 Aug '73

House panel wants more F-111s, cuts F-15 buy in half. illus Armed Forces J Intl 110:21-22 Jul '73

How the A-7D rewrote the book in SEA. John L. Frisbee. illus AF Mag 56:30-36 Aug '73

Landing the A-7. illus Approach 18:15 Feb '73

AIRPLANE TYPE - Continued

A-7 - Cont'd

The Navy flies the SLUF, too. (Comments on article by W. E. Barrineau, USAF Fighter Weapons Review, Summer 1972) L. E. Barringer and Lt Ray Thomas. illus USAF Ftr Wpns Rev, pp 28-30+, Winter '72

Pilot distracted: Flew into water. illus Approach 19: 1-2 Jul '73

TV-guided weapons for the A7D. Don Hilts and Tom Jones. illus USAF Ftr Wpns Rev, pp 21-25, Fall '73

History

Corsair II de-tails. George J. Letzter. illus tabs Am Avn Hist Soc J 17:244-254 Winter '72

Maintenance and Repair

Season the shimmering SLUF. (Davis-Monthan AFB's maintenance of the A-7D) MSgt Loren B. Leonberger. illus Airman 17:24-28 Jun '73

A-10

A-7D, A-10 'fly-off' suggested. AF Times 34:29 Aug 15 '73

A-7D, A-10A flyoff too early, AF says. AF Times 34:31 Nov 21 '73

(A-10) A-X takes flak head on. illus Armed Forces J Intl 111:22-23 Sep '73

The A-10 approach to close air support. Edgar Ulsamer. illus AF Mag 56:41-45 May '73

On source selection--A-10 procurement. (Interview with Edward G. Uhl) Craig Powell. illus Govt Exec 5:15+ Nov '73

The winner: A-10. Maj Michael G. Major. illus tab USAF TAWC Rev 4:4-9 Summer '73

Costs

Cost of A-10 rises as inflation does. AF Times 34:8 Aug 15 '73

Testing

Cutting out the guesswork (between A-9 and A-10). Ed Blair. illus Airman 17:24-30 Jul '73

AC-130

The ghost rider in the sky. (AC-130 gunship) Maj Richard A. Lehnert. illus AF Mag 56:118-122 Sep '73

Spectre in the night sky. LtCol James F. Humphries. illus Airman 17:2-6 Jul '73

B-1

The B-1 encounters problems. illus Interavia 28:1012 Sep '73

The B-1's schedule change. (AF Sec before SASC, July 28, 1973) John L. McLucas. AF Mag 56:35 Sep '73

Management approaches for the B-1 bomber program. MajGen Douglas T. Nelson. illus Ordnance 57: 366-369 Mar-Apr '73

Pentagon prepares B-1 'delay' rebuttal. AF Times 34:19 Aug 8 '73

Progress in air armament. Robert C. Seamans, Jr. Ordnance 57:282-284 Jan-Feb '73

The Soviet ICBM threat is mounting. Edgar Ulsamer. AF Mag 56:34-37 Nov '73

AIRPLANE TYPE - Continued

B-1 - Cont'd

The swingers. (Variable-sweep wing aircraft) William G. Holder and Robert H. George. (Reprinted from Air University Review, Nov-Dec 1972) illus TAC Attack 13:16-21 Feb '73

Costs

The B-1 encounters problems. illus Interavia 28:1012 Sep '73

B-1 costs explained (by AF Sec John L. McLucas). AF Times 34:29 Aug 22 '73

Costs of B-1 to soar. AF Times 34:2 Sep 19 '73

Dispute over B-1's high cost accelerates. AF Times 33:36 Mar 28 '73

GAO reports B-1 cost rise. Elect Warfare 5:16 Jun '73

Testing

First flight. (Testing of B-1 at the Arnold Engineering Development Center) Ed Blair. illus Airman 17:20-23 Aug '73

B-17

The return of Shoo-Shoo Baby. (B-17 to be restored and displayed at the AF Museum) William G. Holder. illus AU Rev 24:22-31 Jan-Feb '73

B-24

Epitaph to the Lady (Be Good) 30 years after. William G. Holder. illus AU Rev 24:41-50 Mar-Apr '73

B-25

The Whiskey Express. (B-25) Norman L. Avery. illus Am Avn Hist Soc J 18:192-193 Fall '73

B-26

On the graveyard shift--B-26s prowl the Korean skies. Allan R. Scholin. illus AF Mag 56:102-106 Sep '73

B-29

The grey ghost. (Confederate Air Force acquires and renovates a B-29) Marty Martinez. Combat Crew 23:16-18 Oct '73

Rebirth of a veteran. (B-29 now at Phillips Army Air Field, Aberdeen, Md, will be moved to Bradley Air Museum, Hebron, Conn) Robert Moore. illus Airman 17:17-18 Dec '73

B-36

History

The B-36: Production begins, 1946-1948. Meyers K. Jacobsen. illus tab Am Avn Hist Soc J pt 1, 17: 163-173 Fall '72; pt 2, 18:166-174 Fall '73

B-52

The B-52: The phoenix that never was. Editorial. John L. Frisbee. AF Mag 56:4 Feb '73

The B-52's message to Moscow. Editorial. Martin M. Ostrow. AF Mag 56:2-3 Apr '73

Huge air raids strike at North (Vietnam). Ed Gates. AF Times 33:1+ Jan 3 '73

More B-52s quit SEA. AF Times 34:11 Nov 28 '73

Photo view (of) Operation Linebacker. illus Combat Crew 23:28-31 Apr '73

AIRPLANE TYPE - Continued

B-52 - Cont'd

(SAC) effort for peace. (Operation Bullet Shot) Gail F. Farrell. illus Combat Crew 23:4-11 Apr '73

Unslave the B-52G at low level. Capt Robert J. Elliott. Navigator 20, No. 1:25-27 '73

Winning (B-52) team. Capt Peter H. Jackson. illus Combat Crew 23:16-17 Jun '73

B-58

The Hustler's record. James Test. illus Aerosp Hist 20:71-75 Jun '73

C-5

Airlift saved Israel. LtGen Ira C. Eaker, Ret. AF Times 34:11 Dec 19 '73

Breakthrough in air cargo terminals. Capt John F. Gaver. illus tab AF Civil Engr 14:7-10 Nov '73

C-5: In and out in thirty minutes. Maj Donald J. Fremming. illus tab AF Mag 56:38-42 Nov '73

'The epitome of big aircraft.' (C-5 Galaxy) illus Air Reservist 25:4-5 Aug-Sep '73

First C-5 refueled in flight. illus AF Times 33:3 Mar 21 '73

Fuel cost savings: New hope for C-5? AF Times 34:4 Dec 5 '73

MAC lauds C-5 as heavy hauler. AF Times 33:8 Jan 3 '73

Magellan's place in the box. (Navigator's station in a simulator and training benefits derived from it) Maj Norman W. Smeenk. illus MAC Flyer 20:26-27 Jun '73

Physiologic cost of prolonged double-crew flights in C-5 aircraft. Henry B. Hale and others. tabs Aerosp Med 44:999-1008 Sep '73

A week with the big one. Sgt Dick Anderson. illus Airman 17:2-7 Nov '73

Maintenance and Repair

The big moment. (A1C Tony Frock, C5 crew chief) A1C Dick Anderson. illus Airman 17:15-18 Jul '73

A maintainer's guide to Galaxy bending. illus MAC Flyer 20:19-24 Mar '73

The scourge of the fleet. (Corrosion) Capt Lowell A. Converse. illus tab MAC Flyer 20:14-16 Aug '73

C-9

Navy gets first jet hauler (C-9B). illus MarCor Gaz 57:4 Jun '73

Wings of the Nightingale. (C-9s of the 55th Aeromedical Airlift Sq and the 2d Aeromedical Evacuation Gp) illus Airman 17:40-42 Apr '73

C-47

"Goodbye" to the "Gooney." illus Natl Guardsman 27:18 Oct '73

Incident at Utopia Creek. R. H. Hodges. illus map Aerosp Hist 19:196-198 Dec '72

Lamplighters & gypsies. James L. Cole, Jr. illus Aerosp Hist 20:30-35 Mar '73

A place in Olympus. (Last flight of the C-47 Gooney Bird in Greece) Tam Anderson and Lt Randy Trott. illus Airman 17:15 Oct '73

AIRPLANE TYPE - Continued

C-97

The "Talking Bird" is silenced. Sgt Bob Burke. illus Natl Guardsman 27:22-23 Jan '73

C-118

A real scorcher. (Two engines lost on a C-118) illus Approach 18:1-2 Jun '73

C-119

Fearless aerial supply techniques. LtCol R. G. Sigman. illus USAF TAWC Rev 4:10-19 Fall '73

Reserves retire 4 C-119s to D(avis)-M(onthan AFB, Ariz). illus AF Times 33:32 May 30 '73

C-130

Air Force/Forest Service join in fire-fighting tests. illus Armed Forces J Intl 110:19 Apr '73

C-130 uses new tool (Modular Airborne Fire Fighting System) to fight forest fires. illus AF Times 34:27 Sep 19 '73

A foot to spare. CMSgt Vernon L. Devitt. TAC Attack 13:16-18 Oct '73

The Four Horsemen. Maj Tim Brady. illus TAC Attack 13:8-10 Jan '73

MAFFS (Modular Airborne FireFighting System). Capt Kerry Pope. illus TAC Attack 14:22-25 Nov '73

Modular Airborne Fire Fighting System (MAFFS). LtCol Richard S. Hoskins and H. William Kruse. illus USAF TAWC Rev 4:20-25 Fall '73

The spin--an accident analysis. Maj Tim Brady. illus TAC Attack 13:4-7 Jun '73

What is an airlifter? Maj Tim Brady. illus TAC Attack 13:4-6 Aug '73

C-141

Axial eructation. illus MAC Flyer 20:19-23 May '73

Breakthrough in air cargo terminals. Capt John F. Gaver. illus tab AF Civil Engr 14:7-10 Nov '73

Fuel cost savings: New hope for C-5? AF Times 34:4 Dec 5 '73

Special Airborne Medical Care Unit (SAMCU). TIG Brief 25:11-12 Jun 8 '73

24 die in crash of C-141 in Spain (on Aug 28, 1973). AF Times 34:24 Oct 31 '73

24 killed in C-141 crash (at Torrejon AB, Spain). AF Times 34:2 Sep 12 '73

Corsair II

See A-7

Crown

See HC-130

Delta Dagger

See F-102

Delta Dart

See F-106

EC-121

The Connies of College Eye. (EC-121 combat task force in Southeast Asia) SSgt Dave Cole. illus Airman 17:4-7 Mar '73

Grooming Connie's replacement. (Replacing the EC-121 with AWACS) illus Airman 17:8 Mar '73

AIRPLANE TYPE - Continued

EC-130

TACAMO (TAke Charge And Move Out): A new airborne weapons system and warfare specialty. CDR Antonio Apap. illus US Nav Inst Proc 99:113-115 Sep '73

EC-135

Nuclear-proof flying command post. Edgar Ulsamer. illus AF Mag 56:64-66 Jan '73

F-4

America's first Vietnam ace chooses the F-14. (Interview with Lt Randall Cunningham) F. Michael O'Brien. illus Armed Forces J 110:24 Jan '73

Coningsby--Phantom's lair. Ian McConnell. illus Air Pict 35:312-313 Aug '73

Crested Capper. (F-4 crew chief, SSgt James E. Jackson, and dual-bases: Holloman AFB, NM, and Hahn AB, Germany) MSgt Yuen-gi Yee. illus Airman 17:36-38 Oct '73

Eyes of the Phantom. (Emergency landing of an F-4) Lt Charles R. Stricklin. illus Airman 17:2-7 May '73

F-4 (pitch) stabilized sight in direct. Capt Steve Dingman. illus USAF Ftr Wpns Rev, pp 4-5, Summer '73

The (F-4E) agile eagle becomes a reality. Capt Michael O. Beck. illus USAF TAWC Rev 4:20-29 Winter '73

The FALCON (Fighter Armament Launch Control Officer/Navigator). Capt Charles F. Smith. illus Navigator 20, No. 1:22-23 '73

'I can't make it!' (Lost Phantom) illus Approach 19: 1-2 Dec '73

The new Phantom switchology. Capt M. O. Beck. illus USAF Ftr Wpns Rev, pp 26-30, Summer '73

Nosedown off the cat(apult). illus Approach 19:1-2 Sep '73

An open letter on the training of a weapons system officer. Capt Charles F. Smith. USAF Ftr Wpns Rev, pp 12-13, Winter '72

Phantom fuel transfer. illus tab Approach 19:1-3 Nov '73

Super Phantom (F-4E). Capt M. O. Beck. illus USAF Ftr Wpns Rev, pp 18-24, Winter '72

Toward the development of a criterion for fleet effectiveness in the F-4 fighter community. Richard H. Shannon and Wayne L. Waag. tab Aerosp Med 44:453-455 Apr '73

F-5

Maintenance and Repair

The airframe gearbox dilemma. (Condensed from F-5 Service News, Nov-Dec 1972) illus Aerosp Safety 28:16-17 Dec '72

Testing

F-5E Operational Test and Evaluation (OT&E). TIG Brief 25:20 Nov 16 '73

F-14

America's first Vietnam ace chooses the F-14. (Interview with Lt Randall Cunningham) F. Michael O'Brien. illus Armed Forces J 110:24 Jan '73

DOD may buy F-15s in row over costs. AF Times 33:31 Apr 25 '73

AIRPLANE TYPE - Continued

F-14 - Cont'd

The F-14A Tomcat air superiority fighter. illus tab Intl Def Rev 6:455-457 Aug '73

House panel wants more F-111s, cuts F-15 buy in half. illus Armed Forces J Intl 110:21-22 Jul '73

New competition for 'scaled-down' fleet fighter. L. Edgar Prina. illus Sea Power 16:34-37 Jul '73

The swingers. (Variable-sweep wing aircraft) William G. Holder and Robert H. George. (Reprinted from Air University Review, Nov-Dec 1972) illus TAC Attack 13:16-21 Feb '73

Tomcat (F-14) gets into dogfight on Capitol Hill. L. Edgar Prina. illus Sea Power 16:43-45 Apr '73

Costs

Navy disputes (William P.) Clements on F-15 vs F-14 costs. AF Times 33:31 Jul 18 '73

F-15

DOD may buy F-15s in row over costs. AF Times 33:31 Apr 25 '73

F-15 needs time & coin--bugs in the engine. AF Times 34:20 Oct 10 '73

F-15 now at crunch point. AF Times 34:9 Sep 5 '73

'F-15' put through attack--(23-foot) model remotely piloted. AF Times 34:26 Nov 7 '73

F-15: Rapid progress. AF Times 34:11 Nov 21 '73

F-15 tactical EW system detailed. illus Elect Warfare 5:43 Sep-Oct '73

House panel wants more F-111s, cuts F-15 buy in half. illus Armed Forces J Intl 110:21-22 Jul '73

Navy disputes (William P.) Clements on F-15 vs F-14 costs. AF Times 33:31 Jul 18 '73

The nuts 'n bolts of F-15 standardization. Terry E. Utz. illus Def Mgt J 9:26-27+ Apr '73

Progress in air armament. Robert C. Seamans, Jr. Ordnance 57:282-284 Jan-Feb '73

Report on the F-15 programme. illus (Also cutaway) Interavia 28:148-149 Feb '73

Testing

F-15--an unquiet QT (Qualification Test) is heard. illus Govt Exec 5:22 Jul '73

F-15 flight test report. Irv Burrows. illus USAF Ftr Wpns Rev, pp 18-22, Winter '73

F-84

History

Thunderstreaks and Flashes over France. Jean-Pierre Hoehn. illus tab Am Avn Hist Soc J pt 1, 17:145-153 Fall '72; pt 2, 17:287-288 Winter '72

F-100

Emergency situation training: F-100. Capt Wiley E. Greene. TAC Attack 14:14 Nov '73

Emergency situation training--F-100. Capt Wiley E. Green. illus TAC Attack 13:15 Sep '73

F-101

Voodoo blowouts. illus Interceptor 15:25-28 Jul '73

Study and Teaching

The place to make mistakes. (F-101 simulator) Capt Gary Guimond. illus Air Reservist 25:4-5 May '73

AIRPLANE TYPE - Continued

F-102

Old F-102s get new life (as drones). AF Times 33:33 Jul 11 '73

F-105

Down on the ninety-ninth. LtCol James R. Mitchell. illus AF Mag 56:112-116 Sep '73

Thunderchiefs for the warriors. (507th Tactical Fighter Gp receives F-105) Capt Brian T. Ternamian. illus Airman 17:24-29 Feb '73

Thunderchiefs on the Rhine. Lars G. Soldeus. illus (Also cutaways) Am Avn Hist Soc J 18:34-37 Spring '73

Vampires, take it down! (Operation Wild Weasel) Capt Don Carson. illus Airman 17:42-47 May '73

F-106

Block "S." (Modifications to the F-106) Capt Terry R. Luke. illus Interceptor 15:5-9 Jan '73

Dissimilar Aerial Combat Tactics (ACT)--new techniques in battle training. Capt Donald D. Carson. illus AF Mag 56:56-61 Mar '73

F-106 minor miracle. (Landing accident) illus Interceptor 15:23-25 Feb '73

Flying the Six. (F-106 Delta Dart) Capt Donald D. Carson. tab illus AF Mag 56:38-44 Oct '73

Of thee I spin. (To spin is to err, but to learn from the experience and to pass that knowledge on to your colleagues is divine) Capt Fred "Coolwhip" Whiteford. illus Interceptor 15:5-7 Apr '73

Six seconds of terror. 1stLt M. David Ratcliff. illus Interceptor 15:20-22 Jul '73

F-111

Deadly in the night. (366th Tactical Fighter Wg and 391st Tactical Fighter Sq, Mountain Home AFB, Idaho) MSgt Loren B. Leonberger. illus Airman 17:10-12 Dec '73

(The F-111) LtGen Ira C. Eaker, Ret. AF Times 33:13 May 2 '73

F-111 production ends, 543 ordered. AF Times 33:17 Jun 20 '73

F-111s prove worth in Southeast Asia--but go unfunded in FY 74. illus Armed Forces J Intl 110:22-23 Mar '73

House panel wants more F-111s, cuts F-15 buy in half. illus Armed Forces J Intl 110:21-22 Jul '73

The swingers. (Variable-sweep wing aircraft) William G. Holder and Robert H. George. (Reprinted from Air University Review, Nov-Dec 1972) illus TAC Attack 13:16-21 Feb '73

Whispering death: The F-111 in SEA. Wayne Thomis. illus AF Mag 56:22-27 Jun '73

FB-111

FB-111 pilot report. Capt William R. Liggett. tab illus AF Mag 56:30-37 Feb '73

FX

See F-15

Flying Boxcar

See C-119

Freedom Fighter

See F-5

AIRPLANE TYPE - Continued

Galaxy

See C-5

HC-130

Final try for Jolly Seven. Capt Jim Gibson. illus Airman 17:31-34 Jul '73

Hercules

See C-130; HC-130; WC-130

Hustler

See B-58

Invader

See B-26

KC-97

Have a drink on the Guard. (ANG's Operation Creek Party air refueling task) Maj Fred Meurer. illus Airman 17:34-37 Mar '73

KC-130

New tactical role for KC-130. Maj R. R. Mullins. MarCor Gaz 57:49-50 Feb '73

KC-135

A rugged bird. (SAC's KC-135 jet tankers become Single Tanker Manager for USAF units) Capt Laurence A. Pamentel. illus Combat Crew 33:28-30 Oct '73

Liftmaster

See C-118

Mescalero

See T-41

Mitchell

See B-25

Mustang

See P-51

Nightingale

See C-9

OV-10

NOGS (Night Observation Gunship System). LtCol Bob W. Farley. illus MarCor Gaz 57:53-57 May '73

The OV-10: USAF's battling Bronco. Capt Henry S. Bartos. illus AF Mag 56:36-40 Apr '73

Orion

See P-3

P-3

On the ground, rudder alone may not be sufficient. Jay R. Beasley. illus Approach 19:14-15 Nov '73

P-3 crew coordination during inflight emergencies. LT Jim Humphrey. illus Approach 19:22-24 Oct '73

Study and Teaching

P-3 pilot training. illus Approach 19:20-22 Nov '73

P-51

History

The number one fighter of World War II? Spitfire vs Mustang. Charles M. McCorkle. illus Aerosp Hist 20:170-177 Dec '73

Phantom II

See F-4; RF-4

AIRPLANE TYPE - Continued

RF-4

'Prepare for a flight to Germany.' illus Air Reservist 25:6-7 Oct '73

S-2

Marginally qualified. illus Approach 19:6-7 Dec '73

SR-71

Seeing the earth supersonically. (LtCols Thomas B. Estes and Dewain C. Vick earn the Mackay Trophy) Ed Blair. illus Airman 17:38-41 Feb '73

Shooting Star

See T-33

Skyhawk

See A-4

Skytrain

See C-47

Starlifter

See C-141

Stratocruiser

See C-97

Stratofortress

See B-52

Stratofreighter

See C-97

Stratotanker

See KC-135

Super Sabre

See F-100

Superfortress

See B-29

T-33

Age takes toll on T-bird; lack of money doesn't help. AF Times 33:24 Jun 20 '73

T-38

TAC's Talonted MIGS. (T-38's used to simulate MIGs for training purposes) Capt John T. Correll. illus Airman 17:21-22 Apr '73

T-41

Tame the Mescalero. (Screening officer trainees for UPT, using the T-41) LtCol Dave Stead. illus Airman 17:36-39 Nov '73

T-43

The T-43A: Airborne navigator trainer. LtCol Vance Lerner. illus Aerosp Safety 29:8-9 Dec '73

UNTS (Undergraduate Navigator Training System)--the last word in navigator training (in the T-43A). Edgar Ulsamer. illus AF Mag 56:56-59 Aug '73

TFX

See F-111

Talon

See T-38

Thunderchief

See F-105

Tomcat

See F-14

V-10

See OV-10

AIRPLANE TYPE - Continued

VFX

See F-14

Voodoo

See F-101

WC-130

Weather Hercules: A special conversion by Marshall's for the RAF's Meteorological Research Flight. Michael J. F. Bowyer. illus (Also cutaway) Air Pict 35:302-305 Aug '73

YF-17

The lightweight fighter halts the cost spiral. (Northrop's YF-17) Edgar Ulsamer. illus AF Mag 56:64-67 Oct '73

ZF-14

See F-14

ZF-15

See F-15

AIRPLANES

See also
Aircraft, Experimental

Jane's aerospace review 1972/73. John W. R. Taylor. illus AF Mag 56:24-31 Jan '73

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Air Conditioning

See Airplanes--Heating and Ventilation

Arresting Gear

What it takes to stop the aircraft. David E. Cooper. illus tab AF Civil Engr 14:22-25 Feb '73; Adaptation. Aerosp Safety 29:8-10 May '73

Characteristics

Jane's All the World's Aircraft Supplement. Regular feature in some issues of Air Force Magazine

Cockpits

Cockpit design--pilot accommodation and accessibility to controls. Margaret I. Bullock. illus tabs Aerosp Med 44:1295-1299 Nov '73

Flight deck evolution. L. F. E. Coombs. illus Interavia pt 1, 28:774-776 Jul '73; pt 2, 28:879-882 Aug '73

Control

See Flight Control Systems

De-icing

See Airplanes--Ice Prevention

Design

Charles Hampson Grant. illus Am Avn Hist Soc J pt 1, Early bird--model builder--inventor--journalist--youth builder. Willis L. Nye. 16:204-211 Fall '71; pt 2, The early bird everyone knows. James J. Sloan. 17:122-125 Summer '72; pt 3, James J. Sloan. 17:289-292 Winter '72

Vickers foreplane projects. Eric B. Morgan. illus tabs Air Pict 35:110-112 Mar '73

Electrical Systems

A short and battery. illus MAC Flyer 20:13-15 Apr '73

AIRPLANES - Continued

Engines

See also
Gas Turbines (Aircraft)
Jet Engines

It (Rolls-Royce) keeps one out of four commercial aircraft in the air. illus Armed Forces J Intl 110: 65-66 May '73

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Airplanes, Fighter
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Inspection - Cont'd

Final inspection. illus Interceptor 15:18-19 Jan '73

Just another way of looking. (Nondestructive inspection) SMSgt Eugene Gulley. illus MAC Flyer 20:22-23 Aug '73

More on IRAN (Inspect and Repair As Necessary). (Officially changed to PDM, Programmed Depot Maintenance) LtCol Richard H. Wood. Aerosp Safety 28:21 Dec '72

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See Aeronautical Instruments

Landing and Takeoff

See also
Automatic Landing Systems
Catapults
Ground-Controlled Approach
Hydroplaning

About hydroplaning. illus Approach 19:16-17 Oct '73

According to plan! illus Aerosp Safety 29:6-7 Mar '73

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Barrier! Barrier! Barrier! Don't get BAK-ed into a corner. (Arresting systems installed on or near AF runways) LtCol M. J. Giannini and others. illus tab Interceptor 15:5-12 May '73

(Corsair II) over the side. illus Approach 19:4-5 Aug '73

Don't blow your cool (in difficult flight situations). Capt Joseph A. Rech. illus Interceptor 15:18-22 May '73

Dust control. Royce C. Eaves. illus Mil Engr 65: 36-37 Jan-Feb '73

F-4 minus two. Capt Jim Young. illus TAC Attack 13: 4-5 Feb '73

F-106 minor miracle. (Landing accident) illus Interceptor 15:23-25 Feb '73

From instrument to contact. Maj Donald L. Carmack. (Adapted from Aerospace Safety, April 1970) illus Approach 19:10-12 Dec '73

Full-stall landings are foolish. Thomas H. Block. Adaptation. illus USA Avn Dig 19:34-37 Mar '73

Gear-up landings or--let it all hang out. Maj Tim Brady. illus tabs TAC Attack 13:8-11 Feb '73

Got a match? illus Approach 19:1-2 Oct '73

Hanging loose. illus Approach 19:14-15 Oct '73

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How to approach the high bounce problem. illus MAC Flyer 20:14-15 Sep '73

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Landing approach. Maj A. Nikolayev. Soviet Mil Rev No. 2:24-25 Feb '73

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Landing the A-7. illus Approach 18:15 Feb '73

Marginally qualified. illus Approach 19:6-7 Dec '73

Nightmare. (Communication foul-ups and bad weather) illus Approach 18:1-3 Apr '73

Ole man winter. Maj Bob Gardner. illus MAC Flyer 20:8-11 Nov '73

"One hundred above--land." Capt A. R. Barbin. illus MAC Flyer 20:4-6 Nov '73

Pilot distracted: Flew into water. illus Approach 19: 1-2 Jul '73

Positioning your aircraft on final is an important task and the cockpit is no place for illusions. illus MAC Flyer 20:20-23 Nov '73

Propwash and jet blast. illus Approach 19:3 Jul '73

Runway condition reporting. Approach 19:21 Oct '73

Slick runways versus the jet age. LtCol Raymond R. Vadnais and Ellis, D. Rustand. illus AF Civil Engr 14:26-29 Aug '73

Three-engine ferry--an epic of "how to," by the book. LCDR R. A. Lundstrom and LT R. B. Kidd. illus Approach 18:12-14 Feb '73

To foam or not to foam (runways). Robert M. Malin. illus MAC Flyer 20:26-28 Oct '73

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Voodoo blowouts. illus Interceptor 15:25-28 Jul '73

Wheels are square. (Air cushion landing system) Maj Tim Brady. illus tab TAC Attack 13:12-15 Mar '73

Winning (B-52) team. Capt Peter H. Jackson. illus Combat Crew 23:16-17 Jun '73

Winterized B-52 planned landing. Maj Willis E. Einsel. illus Combat Crew 22:6-7 Dec '72

Landing Gear

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Launching

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A foot to spare. CMSgt Vernon L. Devitt. TAC Attack 13:16-18 Oct '73

Glamorize the unglamorous (munitions loading). Maj Charles V. Blair. illus Natl Guardsman 27:28-29 May '73

No green grunts. (Bomb-loading work of the 307th Munitions Maintenance Sq, U-Tapao Royal Thai Naval Airfield, Thailand) Maj Wayne Goodson. illus Airman 17:28-30 Nov '73

Maintenance and Repair

See Aircraft Maintenance and subdivision Maintenance and Repair under specific Airplane Types

Manufacture

See Aircraft Industry and Trade

Markings

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Boron composites--status in the USA. Walter D. Dittmer and Paul R. Hoffman. illus tabs Interavia 28:654-656 Jun '73

(A new fabric: Fiber-B, called DP-01 to be used in B-1) illus Signal 27:57 Mar '73

Modifications

Block "S." (Modifications to the F-106) Capt Terry R. Luke. illus Interceptor 15:5-9 Jan '73

Modification Work Orders (MWOs)--unapplied changes that are becoming a monster. Capt D. P. Vasey. illus USA Avn Dig 19:22-25 Jan '73

Super Phantom (F-4E). Capt M. O. Beck. illus USAF Ftr Wpns Rev, pp 18-24, Winter '72

Mothballing
See Airplanes, Military--Storage

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My first flight instructor. CDR H. L. Fremd. illus Approach 19:26-29 Jul '73

Of thee I spin. (To spin is to err, but to learn from the experience and to pass that knowledge on to your colleagues is divine) Capt Fred "Coolwhip" Whiteford. illus Interceptor 15:5-7 Apr '73

On-course rendezvous. Capt John C. Hogwood. illus Navigator 20, No. 1:24 '73

On the ground, rudder alone may not be sufficient. Jay R. Beasley. illus Approach 19:14-15 Nov '73

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Maximum use of hydrant refueling systems. TIG Brief 25:6 Aug 17 '73

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Take a look at the (accident) indicators. LtCol Vance Lerner. illus Aerosp Safety 29:8-10 Sep '73

Thereby hangs a tail. (Down runway cables) illus Air Reservist 25:10-11 Apr '73

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Stability

The spin--an accident analysis. Maj Tim Brady. illus TAC Attack 13:4-7 Jun '73

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C-5: In and out in thirty minutes. Maj Donald J. Fremming. illus tab AF Mag 56:38-42 Nov '73

Landing and Takeoff

To go or not to go. (Takeoff procedures for MAC transports) Capt A. R. Barbin. illus MAC Flyer 20:4-6 Dec '73

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Airplanes, Transport (Supersonic)

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Thanks to the (SAC) tankers. Gen John C. Meyer. map illus AF Mag 56:47-49 Jan '73

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Design

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Airplanes--Engines
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See also
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EQUAL EMPLOYMENT OPPORTUNITY see
Civilian Employees
Employment
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EQUIPMENT

See also subdivision Equipment under specific subjects, e.g.,
Airplanes, Military--Equipment
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EQUIPMENT CONVERSION

This heading is used for re-equipping units with new or different equipment.

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See also
Joint Uniform Military Pay System

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Army--U.S.

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The military man and his pay. Maj Stephen G. Jaffe. illus Army 23:19-22 Apr '73

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The role of the financial manager in the decisionmaking process. (Address, 2d Financial Management Conference, Washington, Jan 31, 1973) Robert C. Moot. illus Armed Forces Compt 18:11-16 Summer '73

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'Most' BXs to take prints. AF Times 34:2 Nov 21 '73

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Here is entered material on the control of weapon fire. For control of forest, house and similar fires see Fires and Fire Prevention.

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FIRES AND FIRE PREVENTION

See also
Airplanes in Fire Fighting
Helicopters in Fire Fighting
also subdivision under specific subjects, e.g.,
Airplanes, Military--Fires and Fire Prevention
Airports--Fires and Fire Prevention
Ships--Fires and Fire Prevention

Arson classes set up at Ellsworth (AFB, SD). AF Times 33:30 Feb 28 '73

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CBM (ChloroBromoMethane) cursed but misunderstood. Albert H. Lane, Jr. illus TAC Attack 13: 4-6 Dec '73

Elmendorf (AFB, Alas) firemen foam it away. illus AF Civil Engr 14:11 Feb '73

Fire retardance of mixtures of inert gases and oxygen. Maria A. Chianta and Alice M. Stoll. illus tabs Aerosp Med 44:169-173 Feb '73

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AFJ editor blasts AFJ on Culebra stand. Col Robert D. Heinl, Jr, Ret. illus Armed Forces J Intl 110: 15-16 Jul '73

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Get thee behind me, Culebra. L. Edgar Prina. illus Sea Power 16:35-36 Feb '73

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(LtGen Joseph R. DeLuca succeeds LtGen Duward L. Crow as Comptroller; MajGen Howard M. Fish is Director of Budget; BrigGen Charles C. Blanton is Deputy Director of Budget) por AF Compt 7:15 Oct '73

Meet BrigGen Howard M. Fish, Deputy Director, Budget Office of the Comptroller. por AF Comp 7:1 Apr '73

FISH INDUSTRY AND TRADE

United States

New England fishermen--imperiled species. Mid William T. Rogerson, Jr. illus US Nav Inst Proc 99:44-49 Dec '73

Ye cods and little fishes--U. S. fishing industry is billion dollar business. Norman Polmar and Ken W. Sayers. illus Sea Power 16:30-34 Feb '73

FITZHUGH BLUE RIBBON DEFENSE PANEL see Blue Ribbon Defense Panel

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Germany

Grand Admiral Karl Doenitz: Reflections at 80. LTJG Robert M. Ancell, Jr. illus US Nav Inst Proc 99:120-121 Mar '73

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Ship's commanding officer. Adm S. Gorshkov. illus Soviet Mil Rev No. 3:2-5 Mar '73

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Ballistic damage tolerant flight control systems. Maj Llayll A. Fry. illus USA Avn Dig 19:4-5+ Apr '73

A flight control system for STOL aircraft. G. Schanzer. illus Interavia 28:66-68 Jan '73

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Flight test engineers to train at Edwards (AFB, Calif). AF Times 33:18 Jan 3 '73

Flying NCOs put into ground jobs--engineers surplus. Bruce Callander. AF Times 34:3 Sep 12 '73

FLIGHT INFORMATION

Here are entered articles on services provided for the purpose of giving advice and information useful for the safe and efficient conducts of flights.

See also related subjects, e.g.,
Weather Forecasting

The answer to your question is no! (Misconceptions of flight rules and regulations) Hubert C. Pate. USA Avn Dig 19:12-15 Apr '73

PIREPs (PIlot weather REPorts). Capt Robert E. Lawson, Jr. illus USA Avn Dig 19:1-3 Jul '73

"Pre" instrument flight. CW2 Robert D. Hill. tab USA Avn Dig 19:4-7 Dec '73

Traffic, twelve o'clock (ATC additional services). Capt Joseph L. Thomas. illus TAC Attack 13: 4-6 Apr '73

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Nurses end tests, fit for space duty. Sue Toma. AF Times 34:2 Nov 7 '73

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Cut in excusal no saving. Bruce Callander. AF Times 34:1+ Sep 5 '73

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Defense of flight pay--1946 testimony sounds timely. AF Times 33:27 Apr 4 '73

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Flight pay. MajGen Barry Goldwater, Ret. (Insertion in the Congressional Record, July 14, 1973) AF Plcy Ltr for Comdrs: Sup No. 9:2-7 Sep '73; Interceptor 15:11-13 Dec '73

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Flight pay plan fights deadline--groundings loom. Bruce Callander. AF Times 33:1+ Apr 18 '73

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Flight pay still up in the air. AF Times 34:18 Oct 24 '73

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GAO urged to probe Navy fly pay moves--0-6 rule 'sidestepped.' AF Times 34:17 Sep 12 '73

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(Rep Les) Aspin plans own flight pay bill. AF Times 34:4 Aug 15 '73

(Rep Les) Aspin takes shot at fly pay plan. Bruce Callander. AF Times 33:2 Feb 28 '73

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65 generals authorized continued flying status. AF Times 33:2 Jul 11 '73

Strange goings-on. (Flight pay study) Editorial. AF Times 33:12 Mar 7 '73

Swedish fliers make more. AF Times 34:13 Oct 10 '73

3 changes in rated plan combine to lower costs--2 objections of Congress seen met. AF Times 33:10 Jun 6 '73

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What they're saying about flight pay. Capt Don Carson. AF Mag 56:69-71 Nov '73

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Command navigator (for Strike Command). Maj Donald A. Lewis. illus Navigator 20, No. 3:19-21 '73

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"One hundred above--land." Capt A. R. Barbin. illus MAC Flyer 20:4-6 Nov '73

"Pre" instrument flight. CW2 Robert D. Hill. tab USA Avn Dig 19:4-7 Dec '73

RBS (Regional Briefing Station)--Plan B for weather forecast service. Maj Bob Gardner and Capt Phil Budd. illus maps MAC Flyer 20:3-7 Feb '73; Adaptation. Aerosp Safety 29:18-21 Mar '73; USA Avn Dig 19:36-40 May '73; Combat Crew 23:14-19 Apr '73; Approach 18:6-9 Jun '73

FLIGHT RECORDERS

The case for the FDR/CPL (Flight Data Recorder/ Crash Position Locator) system. illus Approach 18:18-21 Mar '73

FLIGHT RECORDS

Here are entered articles on the logs and reports of a flight. For articles on record flying time for a given distance see Aviation Records

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The scourge of aviation. (Flight records clerk) SP6 Stephen E. Issak. illus USA Avn Dig 19:24-27 Nov '73

Sleep patterns in a lone global pilot. F. S. Preston and D. J. Cussen. illus tabs Aerosp Med 44:669-674 Jun '73

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Airline simulator market starts to pick-up. illus tab Interavia 28:648-649 Jun '73

FLIGHT SIMULATORS - Continued

First total chopper simulator at Hill (AFB, Utah). AF Times 34:36 Dec 5 '73

Formation simulator. illus Interceptor 15:16-21 Sep '73

The high price of experience. (Maintaining Army aviator proficiency during periods of flying restrictions) Capt William R. McKelvy, Jr. USA Avn Dig 19:26-27 Jan '73

Magellan's place in the box. (Navigator's station in a simulator and training benefits derived from it) Maj Norman W. Smeenk. illus MAC Flyer 20:26-27 Jun '73

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The place to make mistakes. (F-101 simulator) Capt Gary Guimond. illus Air Reservist 25:4-5 May '73

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Wider use of simulators seen in training of pilots. AF Times 34:5 Aug 29 '73

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Surrogate flying. Col Leon C. Heinle. illus AF Mag 56:59-61 Apr '73

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Flight surgeon (Capt William J. Howell) lauded (as AF Flight Surgeon of the Year). AF Times 33:22 May 23 '73

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See also
Pilots--Education and Training

Air Force--Norway

History

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Air Force--U.S.

Application procedures for flying training. TIG 25: 15-16 Nov 2 '73

Fuel shortage focuses attention on air training. tab AF Times 34:38 Nov 28 '73

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A tale of two training flights. illus MAC Flyer 20: 10-12 Mar '73

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Army--U.S.

Advanced Army Aviation training: Emphasis--tactics! Capt Andrew F. Scheidemantel. illus USA Avn Dig 19:2-3 Apr '73

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Navy--U.S.

My first flight instructor. CDR H. L. Fremd. illus Approach 19:26-29 Jul '73

Wider use of simulators seen in training of pilots. AF Times 34:5 Aug 29 '73

FLIGHTS, FAMOUS AND HISTORIC

(50th anniversary of the first) coast-to-coast flight marked (by American Aviation Historical Society). illus AF Times 33:25 Apr 25 '73

Statistics

Scoring the Ford Reliability Air Tours. Lesley N. Forden. illus map tabs Am Avn Hist Soc J 18: 51-57 Spring '73

FLOODS see Disasters

FLUTTER see Vibration

FLYING

This heading is used for popular, nontechnical articles on the pleasures of flying.

FLYING BOATS see Seaplanes

FLYING CLUBS see Aero Clubs

FLYING SAFETY

See also
Airplanes, Military--Safety Measures
Helicopters--Safety Measures
Helicopters, Military--Safety Measures
Mountain Flying

The ASO--advocate of safety. LCDR Tim Cook. illus Approach 18:30-31 Jan '73

According to plan! illus Aerosp Safety 29:6-7 Mar '73

Air traffic control. John E. Berta. illus Approach 19: 6-7 Nov '73

The answer to your question is no! (Misconceptions of flight rules and regulations) Hubert C. Pate. USA Avn Dig 19:12-15 Apr '73

Autumn, aves, and airplanes. Maj Bob Gardner. illus maps MAC Flyer 20:3-6 Oct '73

Care of survival equipment. Capt Jonathan B. Mullin. illus Aerosp Safety 29:10 Mar '73

Caution: Wake turbulence! (Adapted from FAA Advisory Circular 90-23C) illus Approach 18:9-12 Mar '73

The challenge of choice. illus MAC Flyer 20:24-25 Jul '73

Dark days warning: Flying through thunderstorms may be hazardous to your health. Capt Russell W. Reed. illus Combat Crew 23:4-7 Jun '73

Di--factor of decision irreversibility. Interceptor 15:5-7 Mar '73

Don't fight the feeling. (Comfort can be deadly) Maj Charles Lehman. illus Aerosp Safety 29:12-13 Jun '73

An errant equation. (Snow and ice on aircraft wings) illus MAC Flyer 20:10-11 Oct '73

The "eyes" have it. (A visor is worth its weight in sunlight) Capt Edward I. Carroll. USA Avn Dig 19:6 Jun '73

The eyes have it--profile of midair collisions. illus TAC Attack 13:24-27 Oct '73

FLYING SAFETY - Continued

Eyes right. illus Interceptor 15:14-15 Apr '73

The flight lead. Capt George D. Cranston. illus Aerosp Safety 29:2-4 Mar '73

Flying high (on marijuana). Capt Bruce R. Fagaley. illus MAC Flyer 20:12-13 Jun '73

Frequency of anti-collision observing responses by solo pilots as a function of traffic density, ATC traffic warnings, and competing behavior. Mark F. Lewis. tab illus Aerosp Med 44:1048-1050 Sep '73

Grow old along with me. Robert W. Duncan. (Adapted from Combat Crew, April 1960 and Sep 1972) illus Interceptor 15:12-15 Jan '73

Guidelines for flying safely and effectively. TIG Brief 25:13 Nov 30 '73

Hello, summer! (Hot weather conditions) Ted Kontos. illus USA Avn Dig 19:30-34 Jul '73

Hot and high could leave you high and dry. (Towering peaks and soaring temperatures) LtCol Ted L. Smith. illus MAC Flyer 20:9-11 Sep '73

Hot rocks and cold weather. LtCol Richard C. Jones. illus TAC Attack 14:4-7 Nov '73

Indecision in a stress situation. Capt Gordon C. Blevins, Jr. illus Aerosp Safety 29:8-9 Mar '73

Inside of the ping pong ball. (Successful mission accomplishment in fog) Capt Donald W. Bruce. illus Combat Crew 23:4-5 Jan '73

I've grown accustomed to ... (Piloting routinism) illus Approach 19:4-5 Sep '73

Latest on the booze news. Leon M. Wise. TAC Attack 13:10-11 Jun '73

Little birds and nasty weather--aero club winter operations. illus Aerosp Safety 29:10-11 Nov '73

Mid-air! Maj George D. Burgess. illus MAC Flyer 20: 16-18 Nov '73

The mystery of tail rotor droop. Capt A. R. Barbin. illus tab MAC Flyer 20:13-15 Nov '73

Night blindness. illus MAC Flyer 20:19 Nov '73

"Not just yet ..." (Control over emotions) illus Aerosp Safety 29:8-9 Jun '73

Of thee I spin. (To spin is to err, but to learn from the experience and to pass that knowledge on to your colleagues is divine) Capt Fred "Coolwhip" Whiteford. illus Interceptor 15:5-7 Apr '73

Ole man winter. Maj Bob Gardner. illus MAC Flyer 20:8-11 Nov '73

"One hundred above--land." Capt A. R. Barbin. illus MAC Flyer 20:4-6 Nov '73

Out to pasture at twenty-eight. (Pilot to staff officer) Tom Paton. MAC Flyer 20:6-7 Mar '73

P-3 pilot training. illus Approach 19:20-22 Nov '73

Positioning your aircraft on final is an important task and the cockpit is no place for illusions. illus MAC Flyer 20:20-23 Nov '73

A real scorcher. (Two engines lost on a C-118) illus Approach 18:1-2 Jun '73

Safety and command responsibility. illus Interceptor 15:5-7 Feb '73

Severe weather avoidance. John E. Berta. illus Approach 18:22-23 Jun '73

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Sudden incapacitation in flight, 1 Jan 1966-30 Nov 1971. Russell B. Rayman. tabs Aerosp Med 44: 953-955 Aug '73

Summer exercises. Ted Kontos. illus USA Avn Dig 19:35-39 Jul '73

System safety and the decision maker. LCDR R. A. Hess. illus tabs Approach 18:10-15 Jun '73

There's no safety device for a wandering mind. C. B. Weisiger. illus Approach 18:6-8 Feb '73

To kill a chopper pilot. Arnold R. Lambert. (Reprinted from United States Army Aviation Digest, Dec 1972) illus MAC Flyer 20:3-5 Mar '73

Towering cue (thunderstorms) and you. Maj William P. Hurn. illus Combat Crew 23:16-17 Aug '73

Traffic, twelve o'clock (ATC additional services). Capt Joseph L. Thomas. illus TAC Attack 13: 4-6 Apr '73

Trend analysis--a lot of little things. illus Interceptor 15:5-7 Nov '73

The ultimate in air pollution. (Mid-air collisions) Maj Gus Arellano. illus MAC Flyer 20:8-9 Mar '73

Unruly weather sense. Maj Chester Goolrick. illus USA Avn Dig 19:36-46 Feb '73

VFR military training routes for pilots. TIG Brief 25:2 Nov 2 '73

Winter weather flight operations. TIG Brief 25:7 Dec 14 '73

Write up, right on! (Good yellow sheet writeups) illus Approach 19:20 Dec '73

X marks the error. illus Interceptor 15:16-19 Mar '73

You have a choice--when your helicopter quits unexpectedly, it's nice to have a landing plan in mind. Maj Michael Tennery. illus MAC Flyer 20:14-15 Jun '73; Combat Crew 23:18-19 Aug '73

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Excused fliers due ratings on time. AF Times 34:6 Aug 15 '73

Flight management policies. TIG Brief 25:17 May 11 '73

Flight pay in danger. Bruce Callander. AF Times 33:1+ Jul 18 '73

Flight pay: Serious debate needed. Bruce Callander. AF Times 33:13 Jul 18 '73

Grounding reprieve: Airmen invited back. AF Times 33:3 Mar 21 '73

The high price of experience. (Maintaining Army aviator proficiency during periods of flying restrictions) Capt William R. McKelvy, Jr. USA Avn Dig 19:26-27 Jan '73

Hill fly pay (for not flying) charges hit by Pentagon as 'incorrect.' AF Times 33:30 Apr 25 '73

65 generals authorized continued flying status. AF Times 33:2 Jul 11 '73

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Nutrition
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Ears

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Plastic pipe: It beats the cost problem. Donald F. Lawson. illus AF Civil Engr 14:9-10 Aug '73

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HEISER, Joseph M., Jr

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HELICOPTER INDUSTRY AND TRADE

Great Britain

Helicopters and now hovercraft. illus Armed Forces J Intl 110:62+ May '73

HELICOPTER INDUSTRY AND TRADE - Continued

Italy

Italian helicopter-building reshuffle. illus Interavia 28:216 Mar '73

United States

Navy lift helicopters are on the way. Brooke Nihart. illus Armed Forces J Intl 110:20 May '73

HELICOPTER TYPE

Only U. S. military helicopters are entered under type. For helicopters of other countries see entries under specific categories, e. g., Helicopters, Military--Great Britain.

AH-1

The (1st Cavalry Division) Cav's STAR (Surveillance, Target Acquisition and Reconnaissance). CW2 Charles M. Tidey. illus USA Avn Dig 19:4-5 Nov '73

Cobra escape system for increased survivability. Robert A. Matthews. illus USA Avn Dig 19:16-17 Nov '73

Fuel fallacies--Cobra style. Capt Lawrence I. Karpman. illus USA Avn Dig 19:8-9 Feb '73

CH-3

First total chopper simulator at Hill (AFB, Utah). AF Times 34:36 Dec 5 '73

CH-46

The care and handling of ETS (Emergency Throttle System). LCDR Don Mohr. illus Approach 19:8 Aug '73

CH-47

Operation Managua. Lt Steve Lassiter. illus USA Avn Dig 19:4-7+ Jul '73

CH-53

CH-53E off-again, on-again--Clements changes his mind. Armed Forces J Intl 110:20 Jun '73

Evolution of heavy lift. LtCol A. J. Kettering. illus MarCor Gaz 57:20-24 May '73

Mine countermeasures and the helicopter. illus Intl Def Rev 6:582-583 Oct '73

Chinook

See CH-47

Cobra

See AH-1

HH-1

Here's what's new in rescue. Maj Bob Gardner. illus MAC Flyer 20:16-18 Sep '73

Hueys replace Huskies. AF Times 33:47 Feb 21 '73

HH-3

Final try for Jolly Seven. Capt Jim Gibson. illus Airman 17:31-34 Jul '73

HH-43

Hueys replace Huskies. AF Times 33:47 Feb 21 '73

Hueycobra

See AH-1

Huskie

See HH-43

HELICOPTER TYPE - Continued

Iroquois

See HH-1; UH-1

Nighthawk

See UH-1

Sea King

See CH-3

Sea Knight

See CH-46

Seacobra

See AH-1

Seastallion

See CH-53

UH-1

The (1st Cavalry Division) Cav's STAR (Surveillance, Target Acquisition and Reconnaissance). CW2 Charles M. Tidey. illus USA Avn Dig 19:4-5 Nov '73

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New job for de-fanged Huey (UH-1E). GySgt Ed Grantham. MarCor Gaz 57:6 Jun '73

HELICOPTERS

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Control

See Flight Control Systems

Engines

It (Rolls-Royce) keeps one out of four commercial aircraft in the air. illus Armed Forces J Intl 110: 65-66 May '73

Rotary wing! Rotary engine? Ronald DeSplinter. illus USA Avn Dig 19:18-19 Sep '73

Inspection

See also
Preflight Inspections

Instruments

See Aeronautical Instruments

Landing and Takeoff

Hal's helicopter hieroglyphics. (Charting criteria for helicopter instrument approach procedures) Warren H. Moore. illus USA Avn Dig 19:2-5 Sep '73

Whap you say? Lt Arthur J. Negrette. illus USA Avn Dig 19:24+ Sep '73

Maintenance and Repair

See Aircraft Maintenance

Manufacture

See Helicopter Industry and Trade

Piloting

The aerobatic Lynx. Roy Moxan. illus Air Pict 35: 64-65 Feb '73

Backside of the (helicopter) power curve. illus USA Avn Dig 19:30-31 Jan '73

HELICOPTERS - Continued

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Stress and strain in student helicopter pilots. C. E. Billings and others. tabs Aerosp Med 44:1031-1035 Sep '73

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Power Plants

See also
Helicopters--Engines

Refueling

See also
In-Flight Refueling

Safety Measures

See also
Flying Safety

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Turn down that noise! Arnold R. Lambert. illus USA Avn Dig 19:38-39 Jan '73

Takeoff
See Helicopters--Landing and Takeoff

France

Westland Lynx. illus tab (Also cutaways) Air Pict 35:58-64 Feb '73

Great Britain

Westland Lynx. illus tab (Also cutaways) Air Pict 35:58-64 Feb '73

United States

World's smallest 'copter can lift observer. illus MarCor Gaz 57:9 Sep '73

HELICOPTERS, EXPERIMENTAL see Aircraft, Experimental

HELICOPTERS, GUNSHIP see Gunships

HELICOPTERS, MILITARY

See also entries on U. S. military helicopters by model designation under the specific type, e. g.,
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Helicopter Type--AH-1

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Mid-intensity airmobility: Possible-feasible-practical. Capt Laurence K. Collings. illus Infantry 63: 12-16 Nov-Dec '73

Accidents
See Accidents, Air; Accidents, Ground (Aircraft)

HELICOPTERS - Continued

Armament

Air armament. Regular feature in some issues of National Defense (formerly Ordnance)

Cobra vs LOH in the antiarmor role. Capt John W. I. Ball. illus Infantry 63:6-8 May-Jun '73

Testing TOW (Tube-launched, Optically-tracked, Wire-guided missile) under fire. Bob Hubbard. illus Army Log 5:10-14 Mar-Apr '73

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Blades

The mystery of tail rotor droop. Capt A. R. Barbin. illus tab MAC Flyer 20:13-15 Nov '73

True or false? (Autorotations) Capt James W. Isbell, Jr. illus USA Avn Dig 19:14-18 Mar '73

Characteristics

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Here's what's new in rescue. Maj Bob Gardner. illus MAC Flyer 20:16-18 Sep '73

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Westland Lynx. Douglas Chopping. illus (Also cutaway) tabs Interavia 28:1110-1111 Oct '73

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Combat Evaluation

Attack helicopter survivability. Capt Woody W. Turnbow. illus Armor 82:22-24 Sep-Oct '73

Tomorrow's gunships: No free lancing. Maj Robert S. Fairweather, Jr. illus Army 23:13-19 Mar '73

Control
See Flight Control Systems

Design

Russia's super chopper. Lt William B. Bigler II. illus Army 23:29-31 Apr '73

Ditching

Autorotations to an open sea--problems in depth perception and procedure. John J. Kenney. illus USA Avn Dig 19:36-39 Nov '73

Electronic Equipment
See Electronic Equipment (Aircraft)

Emergency Procedures

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The care and handling of ETS (Emergency Throttle System). LCDR Don Mohr. illus Approach 19:8 Aug '73

Cobra escape system for increased survivability. Robert A. Matthews. illus USA Avn Dig 19:16-17 Nov '73

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HELICOPTERS, MILITARY - Continued

Emergency Procedures - Cont'd

True or false? (Autorotations) Capt James W. Isbell, Jr. illus USA Avn Dig 19:14-18 Mar '73

You have a choice--when your helicopter quits unexpectedly, it's nice to have a landing plan in mind. Maj Michael Tennery. illus MAC Flyer 20:14-15 Jun '73; Combat Crew 23:18-19 Aug '73

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The care and handling of ETS (Emergency Throttle System). LCDR Don Mohr. illus Approach 19:8 Aug '73

The mystery of tail rotor droop. Capt A. R. Barbin. illus tab MAC Flyer 20:13-15 Nov '73

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TEAC/HIT (Turbine Engine Analysis Check/Health Indication Test). CW2 Peter C. McHugh. tab illus USA Avn Dig 19:10-15 Oct '73

Fuel Systems

Fuel fallacies--Cobra style. Capt Lawrence I. Karpman. illus USA Avn Dig 19:8-9 Feb '73

Inspection

See also
Preflight Inspections

Instruments
See Aeronautical Instruments

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"Army 16625, you have a green deck..." (Army aviators in Naval Aviation operations) CW2 William D. Barnes. illus USA Avn Dig 19:14-15 May '73

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NOE (Nap-Of-the-Earth)--survival altitude. Capt James P. Isenhower, Jr. illus Infantry 63:17-20 Nov-Dec '73

Needed: SOP! (Helo shipboard operations) CDR Donald E. Beck. illus Approach 18:18-22 Apr '73

Rollover! Tilt! Upset! Milan Buchan and Arnold R. Lambert. illus USA Avn Dig 19:44-47 May '73; Adaptation. MAC Flyer 20:23-25 Oct '73

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Twenty-five years... and still holding! illus Approach 19:10-13 Nov '73

Lift Capability

Evolution of heavy lift. LtCol A. J. Kettering. illus MarCor Gaz 57:20-24 May '73

HLH (Heavy Lift Helicopters). Capt Brendan P. Blackwell. illus (Also cutaway) USA Avn Dig 19:8-16 Aug '73

HELICOPTERS, MILITARY - Continued

Lift Capability - Cont'd

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Russia's super chopper. Lt William B. Bigler II. illus Army 23:29-31 Apr '73

Universal: Aircraft recovery kit. Robert A. Matthews. illus USA Avn Dig 19:23-25 Apr '73

Loading and Unloading

NOE (Nap-Of-the-Earth)--survival altitude. Capt James P. Isenhower, Jr. illus Infantry 63:17-20 Nov-Dec '73

Maintenance and Repair
See Aircraft Maintenance

Manufacture
See Helicopter Industry and Trade

Materials

Ballistic damage tolerant flight control systems. Maj Llayll A. Fry. illus USA Avn Dig 19:4-5+ Apr '73

Performance

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Tomorrow's gunships: No free lancing. Maj Robert S. Fairweather, Jr. illus Army 23:13-19 Mar '73

Piloting

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How to operate the medium helicopter (UH-1) more quietly. C. R. Cox. illus USA Avn Dig 19:25+ Sep '73

A license to steal. (Low flying helicopter hazards) illus Approach 18:4-5 Jan '73

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HELICOPTERS, MILITARY - Continued

Piloting - Cont'd

Study and Teaching

Tomorrow's rotary wing training requirements. Maj Carl A. Weaver, Jr. illus tabs USA Avn Dig 19: 13-21 Dec '73

Power Plants

See also
Helicopters, Military--Engines

Refueling

See also
In-Flight Refueling

Safety Measures

See also
Flying Safety

Ballistic damage tolerant flight control systems. Maj Llayll A. Fry. illus USA Avn Dig 19:4-5+ Apr '73

Mountain flying practice. illus Approach 19:20-21 Aug '73

Needed: SOP! (Helo shipboard operations) CDR Donald E. Beck. illus Approach 18:18-22 Apr '73

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System safety in Army Aviation: A coming of age. Maj William F. Gabella. illus USA Avn Dig 19: 42-44 Mar '73

Transportability--the missing link in helicopter personal survival equipment. LtCol Dennis N. Anderson. illus Approach 18:26-27 May '73

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Seats

USAAAVS (U.S. Army Agency for AViation Safety) develops crashworthy seat. illus Approach 19: 22-23 Jul '73

Stability

Twenty-five years...and still holding! illus Approach 19:10-13 Nov '73

Study and Teaching

Tomorrow's rotary wing training requirements. Maj Carl A. Weaver, Jr. illus tabs USA Avn Dig 19: 13-21 Dec '73

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The mystery of tail rotor droop. Capt A.R. Barbin. illus tab MAC Flyer 20:13-15 Nov '73

Takeoff
See Helicopters, Military--Landing and Takeoff

Great Britain

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HELICOPTERS, MILITARY - Continued

Great Britain - Cont'd

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Westland's Commando assault helicopter. Robert R. Rodwell. illus tabs Interavia 28:772-773 Jul '73; Intl Def Rev 6:458-459 Aug '73

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Instructor training in the Royal Air Force. FltLt Brian A. Wright. illus tab USA Avn Dig 19:8-12 Jul '73

Iran

Iran to get better helicopters than U.S. Army. illus Armed Forces J Intl 110:18 Feb '73

NATO

Naval helicopters. John Marriott. illus tabs NATO's Fifteen Nations 17:60-66+ Oct-Nov '72

Norway

Norway's Sea Kings (helicopters) and the squadron that operates them. J.D.R. Rawlings. illus Air Pict 35:2-5 Jan '73

Russia

Naval helicopters. John Marriott. illus tabs NATO's Fifteen Nations 17:60-66+ Oct-Nov '72

Russia's super chopper. Lt William B. Bigler II. illus Army 23:29-31 Apr '73

United States

AAH (Advanced Attack Helicopter), XM-1 (battle tank). LtCol Jerry Max Bunyard and Maj J.B. Taylor. illus tabs Army 23:21-25 Aug '73

ACCB (Air Cavalry Combat Brigade): Tank finder and killer. LtCol Jimmy D. Weeks. illus Armor 82: 32-35 Mar-Apr '73

Airmobile firepower--the AAH (Advanced Attack Helicopter). Charles L. Poor. illus Natl Def 58:214-217 Nov-Dec '73

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HLH (Heavy Lift Helicopters). Capt Brendan P. Blackwell. illus (Also cutaway) USA Avn Dig 19:8-16 Aug '73

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HELICOPTERS, MILITARY - Continued

United States - Cont'd

MICV (Mechanized Infantry Combat Vehicle), UTTAS (Utility Tactical Transport Aircraft System). LtCols Jerry Max Bunyard and Jerome B. Hilmes. illus tabs Army 23:21-25 Jul '73

Marine helicopters--stunted growth. Maj Jac D. Watson. illus US Nav Inst Proc 99:34-41 Jul '73

Mine countermeasures and the helicopter. illus Intl Def Rev 6:582-583 Oct '73

(Mini-copter; world's smallest man-carrying aircraft) illus Signal 28:58 Nov '73

Navy lift helicopters are on the way. Brooke Nihart. illus Armed Forces J Intl 110:20 May '73

New job for de-fanged Huey (UH-1E). GySgt Ed Grantham. MarCor Gaz 57:6 Jun '73

"No, Sir, Mr President" (Dwight D. Eisenhower). (Interview with LtCol Bill Howell, Ret, Army helicopter pilot for Pres Eisenhower) Col Francis Max McCullar. illus USA Avn Dig 19:2-3+ Aug '73

Perspectives of close air support. Col Noah C. New. illus tab MarCor Gaz 57:14-19 May '73

Sikorsky observes 50th year (noting relationship with Marine Corps). MarCor Gaz 57:4 Mar '73

To kill a chopper pilot. Arnold R. Lambert. (Reprinted from United States Army Aviation Digest, Dec 1972) illus MAC Flyer 20:3-5 Mar '73

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Costs

Controls begin at home in design to cost contracting. Paul W. Holt. illus Def Mgt J 9:54-59 Apr '73

History

Evolution of heavy lift. LtCol A. J. Kettering. illus MarCor Gaz 57:20-24 May '73

The rotor dimension. Theodore K. Thomas. illus MarCor Gaz 57:25-32 May '73

HELICOPTERS IN COUNTERINSURGENCY see COIN Aircraft

HELICOPTERS IN FIRE FIGHTING

Asbestos-suited medics practice aircraft rescue. SP4 James Eakins. illus USA Avn Dig 19:24-25 Mar '73

HELICOPTERS IN MEDICAL SERVICE

Dust Off (helicopter ambulance) operations (in Vietnam). Maj Pat Brady. illus Army Log 5:18-23 Jul-Aug '73

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Helicopters--DC is DOA. illus Govt Exec 5:22 Dec '73

MAST is Military Assistance to Safety and Traffic. William H. Smith. illus tabs USA Avn Dig 19: 10-15 Nov '73

MAST (Military Assistance to Safety and Traffic) at Fort Carson (Colo) aids downed skiers. Lt Kevin H. Rorke. illus USA Avn Dig 19:6-9 Nov '73

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HELICOPTERS IN MEDICAL SERVICE - Continued

Red hot mission. (Rescue work) Barney Halloran. illus Soldiers 28:17-19 Jan '73

HELICOPTERS IN PATROL WORK

Arapaho--emergency helo cover for merchantmen. LT James J. Mulquin, Ret. illus US Nav Inst Proc 99:113-117 Nov '73

HELICOPTERS IN RESCUE WORK

Above the crest. (Army aid to the victims of tropical storm Agnes in Pennsylvania) John C. Neamtz. illus USA Avn Dig 19:4-6 Oct '73

Army pollution fighters help clear up Lake Powell's oil slick blues. 1stLt Steve Lassiter. illus Soldiers 28:26-27 Mar '73

Choctaws... Iroquois... Giants... & Sea Kings... (in search and rescue missions). Maj Chet Loewe. illus Air Reservist 25:4-5 Nov '73

Fairchild (AFB, Wash) unit praised for emergency saves. illus AF Times 33:34 May 30 '73

Final try for Jolly Seven. Capt Jim Gibson. illus Airman 17:31-34 Jul '73

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Long day since midnight. (Rescue of survivors of Eastern 401 crash in the Everglades, December 1972) Sgt Dick Anderson. illus Airman 17:31-33 Oct '73

Luke (AFB, Ariz) provided aid in time of crisis. illus AF Times 33:22 Jan 24 '73

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They stayed until the job was done. (AF Civil Engineers responded to the Agnes disaster) Capt Edward M. Smith. illus AF Civil Engr 14:4-7 Feb '73

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Doctor aides get hike edge. Sue Toma. AF Times 33:1+ Jul 11 '73

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'Fine print' eases hikes. AF Times 33:19 Jul 11 '73

4100 eligible, 70 to get one star. AF Times 34:8 Nov 14 '73

432 field grade advances set for Sep 1 increment. AF Times 34:8 Sep 12 '73

Full year group vies for colonel in FY-75. George Foster. AF Times 34:1+ Aug 29 '73

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Stripes quota: 11,600. Bruce Callander. AF Times 34:1+ Aug 22 '73

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Talbott gets third star (and other star promotions and assignments announced). AF Times 33:8 Apr 25 '73

Talbott named for third star (and other star actions announced). AF Times 33:5 Apr 18 '73

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2800 vie for Regular slots. AF Times 33:6 Feb 7 '73

2 due three stars--("Chappie") James, (William J.) Evans get new titles (and general officer moves announced). AF Times 33:5 May 16 '73

Two (returned POWs) named for stars. AF Times 33:3 Apr 11 '73

2-year rule return adds to freeze woe. AF Times 33:13 Jan 24 '73

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518 win permanent eagles. AF Times 34:4 Aug 22 '73

445 officers due August 1 hikes. AF Times 33:3 Aug 1 '73

445 officers due to advance (in) July hikes. AF Times 33:3 Jul 4 '73

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NCOs fared well in promotions during past fiscal year. AF Times 33:3 Jul 4 '73

1090 due hikes to colonel. AF Times 33:1+ Mar 7 '73

73 picked for brigadier general. AF Times 33:11 Jan 17 '73

63 win permanent stars--Scowcroft, Simokaitis among 49 nominated for temporary m(ajor)

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Stripes total of 6400--small but on track. AF Times 34:8 Oct 24 '73

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3080 expected to make major. AF Times 34:22 Sep 19 '73

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Youth movement continues in promotions to one-star. tab AF Times 33:8 Jan 17 '73

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The Army keeps the best. (Promotions: The view ahead) SP1 Carl Martin. illus tabs Soldiers 28: 22-24 Jan '73

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(Project) Palace Diamond. Air Reservist 24:12-13 Mar '73

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Armed Forces--Germany (Federal Republic)

5 foreign Army Reserve systems. Cols Irving Heymont, Ret and Melvin H. Rosen, Ret. illus Mil Rev 53:83-93 Mar '73

Armed Forces--Great Britain

5 foreign Army Reserve systems. Cols Irving Heymont, Ret and Melvin H. Rosen, Ret. illus Mil Rev 53:83-93 Mar '73

Armed Forces--Israel

5 foreign Army Reserve systems. Cols Irving Heymont, Ret and Melvin H. Rosen, Ret. illus Mil Rev 53:83-93 Mar '73

Armed Forces--NATO

(ROA/U.S. teams place second, win three top spots in 1973 NATO/CIOR military competitions in Italy) illus tab Officer 49:8-9 Oct '73

Armed Forces--Russia

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Armed Forces--Switzerland

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Active year for employer support (of National Guard and Reserve Forces). illus Air Reservist 24:6-7 Dec '72-Jan '73

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The challenge of tomorrow faces the Reserve Components. (Remarks, ROA National Convention, Las Vegas, Nev, June 1973) BrigGen Robert D. Upp. illus Officer 49:8 Jul '73

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ROA renews plea to Congress to strengthen Reserves. (Col John T. Carlton before House Appropriations Committee) Officer 49:7 Nov '73

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Rep (Samuel S.) Stratton urges end to inequities in Reserve retirement; ROA presents recommendations to correct misunderstandings. Officer 49:14+ May '73

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The Reserve Forces. Col D.M. Fowler. illus tabs Mil Engr 65:14-15 Jan-Feb '73

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Army--U.S.

Army cannot "possibly" accomplish mission without the Ready Reserves. (Address, ROA National Convention, Las Vegas, Nev, June 13-17, 1973) Howard H. Callaway. illus Officer 59:8-9 Aug '73

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Carl Wallace sworn in as Army Assistant Secretary for Reserves. illus Officer 49:25 Jun '73

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It's her bag. (Women in the Army Reserves) SgtlC D. Mallicoat. tab illus Soldiers 28:41-47 May '73

(MajGen J. Milnor) Roberts sees "highly ready" Reserve element in the One Army Team. Officer 49:14 Dec '73

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USAR strength is upward; priority incentive needs. Officer 49:10 Jan '73

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Marine Corps--U.S.

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Rep (David C.) Treen emphasizes naval role in "realistic deterrence." illus Officer 49:21 Dec '73

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Chief of Naval Reserve office is established. Officer 49:18 Mar '73

ROA-sponsored Reserve Vitalization Act expanded by creating office of Chief of Naval Reserve. Officer 49:14 Jan '73

RESERVE OFFICERS ASSOCIATION OF THE U.S.

The challenge of tomorrow faces the Reserve Components. (Remarks, ROA National Convention, Las Vegas, Nev, June 1973) BrigGen Robert D. Upp. illus Officer 49:8 Jul '73

Chaplain (James A.) Skelton is named the ROA Chaplain of the Year. illus Officer 49:17 Feb '73

Mid-winter report to the national council and to the ROA membership. BrigGen Robert D. Upp. Officer 49:8 Mar '73

New national president, ROA--RADM (B. Hayden) Crawford, prominent Tulsa (Okla) attorney, had notable naval record in World War II. Officer 49:12 Jul '73

President Truman, the charter member. BrigGen Robert D. Upp. illus Officer 49:7 Feb '73

ROA again hits amnesty. AF Times 33:51 Mar 14 '73

ROA calls on Congress and military leaders to implement spirit of Reserve Vitalization Act. (Resolutions, ROA National Convention, Las Vegas, Nev, June 13-17, 1973) illus Officer 59:12-13 Aug '73

ROA calls on Congress to bolster Reserves. (Testimony before House Armed Services Committee) Col John T. Carlton. illus Officer 49:5-8 Jun '73

ROA entering second 50 years with its 1973 Mid-Winter Conference--Sen "Scoop" Jackson, cadets in spotlight. illus Officer 49:16-17 Jan '73

ROA favors measure to attract, retain aviation crew volunteers. (Testimony before House Armed Services Committee) Col John T. Carlton. illus Officer 49:6-7+ Nov '73

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ROA hails (Sen Henry M. (Scoop)) Jackson as (Minute) Man of the Year. AF Times 33:4 Jan 10 '73

ROA initiates strong incentives campaign (in testimony to the Subcommittee on Insurance, House Committee on Veterans Affairs). Officer 49:12 May '73

ROA is proud host to Medal of Honor recipients. illus Officer 49:6-7+ Mar '73

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ROA optimistic about legislation as 93d Congress comes to town. Col John T. Carlton. illus Officer 49:8 Jan '73

ROA renews plea to Congress to strengthen Reserves. (Col John T. Carlton before House Appropriations Committee) Officer 49:7 Nov '73

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"Scoop" Jackson is Minute Man of the Year. illus Officer 49:9 Jan '73

Secretary of the Air Force (Robert C. Seamans, Jr) approves recommendations based on ROA resolutions. Officer 49:18 Jan '73

Sen (Henry M.) Jackson sees need for resolution in nation's defense, foreign policies (in Minute Man of the Year address at ROA Mid-Winter Banquet, 1973). illus Officer 49:9+ Apr '73

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ROA directory (of) department officers, 1973-1974. Officer 49:21-24 Sep '73

RESERVE OFFICERS TRAINING CORPS

Air Force

The (AFJROTC) cadets of Kenmore (High School, Akron, Ohio). SSgt Dave Cole. illus Airman 17: 17-20 Apr '73

AFROTC detachments. Table only. Navigator 20, No. 3:7 '73

AFROTC to graduate first Black woman. AF Times 33:10 May 16 '73

Colonels sought for ROTC duty. AF Times 33:2 Jul 4 '73

Eight ROTC units to fold next year. AF Times 33:3 Mar 7 '73

Evolution of an information system. Capt John W. Zitrick, Jr. illus Armed Forces Compt 18:16-18 Winter '73; Adaptation. AF Compt 7:24-25 Apr '73

40 more schools named to host AFJROTC. AF Times 33:21 Mar 7 '73

Is AFROTC duty for you? Or, What, me teach!? Maj Howard E. Leidy. illus Navigator 20, No. 3:5-6 '73

JROTC adds 45 schools. AF Times 34:51 Oct 10 '73

Junior ROTC programs to expand. AF Times 33:50 Jan 24 '73

Non-a(ctive) d(uty) slots eyed for AFROTC grads. AF Times 33:3 Jul 18 '73

RESERVE OFFICERS TRAINING CORPS - Continued

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North to Norwich. (ROTC at Norwich University, Northfield, Vt) MSgt Loren B. Leonberger. illus Airman 17:44-47 Sep '73

ROTC to send some grads to ANG, Reserve. AF Times 34:11 Dec 26 '73

Armed Forces

All-girl JROTCs seen in new bill. AF Times 34:2 Oct 10 '73

GAO sampling of ROTC hits unproductive units. AF Times 33:39 Apr 11 '73

High and low--officer procurement programs vary widely in costs, benefits. Brooke Nihart. tabs Armed Forces J Intl 110:40-41 Jul '73

JROTC programs to be expanded. Officer 49:22 Mar '73

9-month cadets lose $$. AF Times 33:2 Mar 28 '73

'73: The year for ROTC? AF Times 34:51 Oct 10 '73

Non-profit group (National Strategy Information Center) helps reverse anti-ROTC mood. Armed Forces J Intl 110:18 Aug '73

History

Citizens in the officer corps: An examination of the ROTC's past and present. Mid Daniel H. Else III. illus US Nav Inst Proc 99:107-110 Jul '73

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Anyone here seen the real Army? Notes from ROTC summer camp (Fort Bragg, NC). Jim Sample. illus AF Times, Family sup:8-12+ Jun 6 '73

It's her bag. (Women in the Army Reserves) Sgt1C D. Mallicoat. tab illus Soldiers 28:41-47 May '73

ROTC: The Infantry School experience, 1969-73. MajGen Orwin C. Talbott. illus Army 23:35-36 Jul '73

ROTC unit (at University of Alabama, Tuscaloosa) insures delinquents get a chance. Sgt1C D. Mallicoat. illus Soldiers 28:25 Dec '73

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Reorganization of ROTC structure is announced. Officer 49:22 Mar '73

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ROTC retaining more students. illus Officer 49:27 Feb '73

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High school howgozit--the NJROTC comes of age. YNC Thomas W. Murphy, Ret. illus US Nav Inst Proc 99:107-109 Sep '73

Naval youth programs. CAPT Edward L. Barker. US Nav Inst Proc 99:42-48 Jun '73

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Air Force stock fund/O&M relationship at base level. Vidal J. Cortez. illus AF Compt 7:22-24 Jan '73

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A maj(or) com(mand) c(ompany) c(ommander) looks at PRIME/RMS. Gen William W. Momyer. illus AF Compt 7: back cover Jan '73

Managing your bank roll better. (The Base Civil Engineer (BCE) and the base budget) Maj Norbert A. O'Hare. AF Civil Engr 14:23-25 May '73

The planning function--its importance to the logistics manager. H. W. Lanford and B. J. May. illus Log Spectrum 7:35-40 Winter '73

Resource management, economic analysis, and discounting in the Department of Defense. Maj Richard Zock. illus AU Rev 24:32-36 Jan-Feb '73

Return on investment. Eckhard Bennewitz. tab Armed Forces Compt 18:34-35 Fall '73

Spend more--get more? Don't believe it! Capt Allen D. Bunger. illus AF Compt 7:28-29 Oct '73

USAF command control and communications priorities. MajGen Lee M. Paschall. Signal 28:10-13 Nov '73

U. S. Geological Survey's data bank points way to future. Is there a "mineral crisis?" (Interview with V. E. McKelvey) illus Govt Exec 5:52-53 Nov '73

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Training--a key ingredient to successful financial management. Capt J. C. Peters. illus AF Compt 7:16-17 Oct '73

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Automotive fuel conservation efforts intensified. TIG Brief 25:19-20 Jul 20 '73

Energy conservation becomes a growth industry. (Utilities conservation program at Craig AFB, Ala) Maj Joseph A. Ahearn. illus tab AF Civil Engr 14:6-8 Aug '73

Energy crisis and the Air Force. Nicholas J. Lardis. illus AF Civil Engr 14:3-5 Aug '73

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A breath of life. (Respirator for infants developed at Wilford Hall Medical Center, San Antonio) MSgt Loren B. Leonberger. illus Airman 17:30-34 Jun '73

Hearing under respiratory stress: Latency changes of the human auditory evoked response during hyperventilation, hypoxia, asphyxia, and hypercapnia. L. Deecke and others. illus tabs Aerosp Med 44:1106-1111 Oct '73

RESPIRATION - Continued

Pulmonary insufficiency with airway flutter, closure, and collapse. Edwin G. Vail. illus tabs Aerosp Med 44:649-662 Jun '73

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A breath of life. (Respirator for infants developed at Wilford Hall Medical Center, San Antonio) MSgt Loren B. Leonberger. illus Airman 17:30-34 Jun '73

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Where the boys went (for R&R)--nostalgia in Australia. LtCol Bob Chick. illus Soldiers 28:20-25 Apr '73

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'Career intent' declines (in) officer survey results. AF Times 34:20 Nov 7 '73

Career intent up. AF Times 33:4 Mar 21 '73

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Five more tweaks and the broken promise syndrome--personnel problems, some self-inflicted, hamper Navy readiness. James D. Hessman. illus Sea Power 16:8-15 Oct '73

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High and low--officer procurement programs vary widely in costs, benefits. Brooke Nihart. tabs Armed Forces J Intl 110:40-41 Jul '73

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RETENTION OF MILITARY PERSONNEL - Continued

ROA calls on Congress to bolster Reserves. (Testimony before House Armed Services Committee) Col John T. Carlton. illus Officer 49:5-8 Jun '73

Re-up trends clouded. AF Times 34:4 Nov 7 '73

Up or out: The cost in dollars and sense. BrigGen Lynn D. Smith, Ret. Army 23:10-16 Dec '73

Voluntary entry on extended active duty of commissioned officers of the Reserve Forces. TIG Brief 25:22 May 11 '73

Woo the women! illus Natl Guardsman 27:24-25 Jan '73

RETIRED MILITARY PERSONNEL

Base closings and retiree benefits. Ed Gates. AF Mag 56:141 Dec '73

CHAMPUS break helps retirees. AF Times 33:22 Jul 18 '73

Comptroller curbs double retirement. AF Times 33:51 Feb 28 '73

Disability retirees benefit. AF Times 34:3 Aug 22 '73

Divorce--military style. John J. Marsh. AU Rev 24: 60-66 Jan-Feb '73

Labor Department plans successor to (Project) 'Referral.' Randy Shoemaker. AF Times 33:3 Jan 17 '73

Response lags on retiree plan. Sue Toma. AF Times 33:4 Jul 25 '73

Retired British soldiers (at Royal Hospital) are swingers. Armed Forces J Intl 110:23 May '73

Retirees can shift on SBP. AF Times 34:2 Dec 26 '73

Retirees ignoring new survivor plan. Sue Toma. AF Times 33:3 Jan 3 '73

Retirees slow to join new survivor's plan. Sue Toma. AF Times 33:8 Apr 4 '73

Retirees to feel jolt (of) base closings. Sue Toma. AF Times 33:3 May 2 '73

Retirees warned on (security) clearances. Ron Sanders. AF Times 34:6 Dec 12 '73

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Retiring? Take a look at Britain. Col Norman L. Dodd, Ret. illus AF Times 33:22+ Apr 11 '73

(Soldiers' and Airmen's Home, Washington) MSgt Earl C. Nelson, Ret. illus AF Times pt 1, Every day is Sunday. 34:40 Nov 7 '73; pt 2, Regulations are few. 34:44-45 Nov 14 '73; pt 3, Recreation a big task. 34:54 Nov 21 '73; pt 4, Looking ahead to the end. 34:36 Nov 28 '73

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Top industry jobs scarce for retired officers. AF Times 33:18 Jan 24 '73

RETIREMENT

See also
Discharges, Releases and Separations

RETIREMENT - Continued

Air Force--U.S.

Auburn (University) dedicates (AFROTC library as the General) McGehee Room (and other star retirements announced). AF Times 34:12 Dec 19 '73

(BrigGen Robin) Olds, 8 others slated to retire (and other general officer shifts announced). AF Times 33:3 Jan 3 '73

Cut machinery oiled--early retirement available to some. Bruce Callander. AF Times 34:1+ Oct 31 '73

Disability retirement rules changed. AF Plcy Ltr for Comdrs: Sup No. 4:29 Apr '73

Disability retirement rules changed. TIG Brief 25:6 Apr 13 '73

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'Fit-for-duty' status perils disability pay. George Foster. AF Times 33:3 Apr 18 '73

(Gen David C.) Burchinal retires. AF Times 33:2 Mar 14 '73

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(Gen Lucius D.) Clay (Jr) will head NORAD; (Gen Seth J.) McKee to retire Oct 1. AF Times 34:3 Sep 5 '73

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Retirement bars eased--cuts needed. George Foster. AF Times 33:1+ Jul 4 '73

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Retiring dates turn into secret. AF Times 33:13 Jan 10 '73

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Stars on the move. AF Times 33:8 May 30 '73

10 colonels, 1 b(rigadier) g(eneral) pin on new stars (and other general officer actions announced). AF Times 33:3 Feb 14 '73

10 generals reassigned. AF Times 33:6 Feb 28 '73

3 generals reassigned. AF Times 33:2 Mar 7 '73

2 GOs retire at Langley (AFB, Va). AF Times 33:32 Mar 21 '73

Two top 3-stars (LtGens Jammie M. Philpott and Austin J. Russell) retiring (and other general officer shifts announced). AF Times 34:5 Sep 19 '73

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Civil Service and the 'retired.' BrigGen B. S. Waterman. Army 23:7-8 Jan '73; Digest. Persp in Def Mgt, pp 79-80, Spring '73

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